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HVVC138	446	101183 0	1 - 2523	15 - 2537	BE410209, BE409948, BG115320, BE727135, BE275865, BE544451, BE247077, BF979132, BE276854, AI761191, AW190208, BF842485, BE552236, BE407430, AI401546, BF207408, BE910432, AW612622, BG009629, AW959204, AI135649, AI948809, AI209141, BE044454, BF768377, AI089727, AW589835, AA741117, AW054865, BE243221, BE512837, AW007188, AW024964, AW197517, AW192474, AI371883, AW732035, AI346775, BE273254, AI076529, AI086805, AI394074, BG113199, AI380843, AI613247, AI222796, BF112100, BF917505, BF842478, AW297124, AI523975, BE673122, BE502167, AW014930, AI655264, AA724818, BE243746, AI597975, AW470765, AI026618, BF923223, AA431124, AI684019, AI989704, AI862536, R51174, AA452620, AI285301, AI380975, AI380856, AI984759, AW295359, R35336, BE349571, R60756, BE503804, AW292516, BE247138, AI682541, BF923222, BG008918, N35451, AI302839, AA917488, W25150, H99364, AI972215, AI424358, BE243306, BE244991, AA937518, R48089, BE243647, R12836, AI262500, AI223148, BE242440, AW073337, R48082, BF815490, AW080459, AA576239, N35546, BE246634, AI954045, BE221690, AI809326, R46107, AW449766, AI954417, AW516184, BE247092, AA889557, AI799922, AI828634, BE242990, AW243116, AU127369, AI537699, AI867400, BF594684, AA514442, BE242999, AI553721, R60757, AI763211, AA432140, AI761010, BF510682, AW263306, AI763100, AW451349, R51058, AA470619, N24660, AI589437, BF315855, BE243714, AW000862, BF316405, AW960495, BF311549, BF347151, BE261173, BE672153, AA316825, R46448, R20746, BE260700, AA359340, AA995140, BE382562, BE707810, AI695433, BF983844, AI638588, BF304367, R47977, AW102776, BE246720, BE260234, AI934023, BE262038, BF838098, H41023, AW103559, AA354191, N93298, BE387142, BF206973, BF313395, R48998, BE241996, BF981535, BE241927, AW244155, BF984035, BF314395, BF973669, AA344952, BF761447, BF313034, BE261859, AA937240, Z40608, BE382532, AI031600, AF224741, U88844, Z67743, Z67744, and AF063100.
HPAMY22	447	101184 0	1 - 518	15 - 532	AW167128, BG230566, AW008822, AI521137, and S78079.
HE9CP86	448	101184	1 - 924	15 - 938	BE619589, BE778001, BG179191, AI990409, BE787128, AI056896, BF032589, BF210574,

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HPDOU46	449	101188	1 - 933	15 - 947	AA885514, AW571544, AI925136, AV751974, AA934359, AI336032, AI818811, AW292295, N95268, W25222, AR038157, AC008860, and AC016612.
HFCDW73	450	101190	1 - 703	15 - 717	BE612411, BF306028, BE295311, BF309599, BG114475, AW410748, BG178760, BF339804, AW839643, W01259, BE018592, and AK000376.
HOVEB13	451	101191	1 - 1361	15 - 1375	BG031307, AW957996, BE299537, AA928779, AI685200, AA576884, AW514270, AI218215, AI809292, AI355487, AW082223, AW263592, AW152614, AA424504, AI265774, BG236438, AW070728, BE789393, AA933972, BG058626, AA927905, BE788048, AA707564, AI921682, AI431416, N30148, AA132983, AI085684, AI225124, W40249, AI630792, W60086, AA563939, BE326510, H68849, AA127446, AA135149, AA127445, W53030, AW058274, H80062, AA302211, AI240522, BF515623, H69149, AA247723, AA897766, AI589066, AA595935, BE734169, AA609608, AW606716, AA973544, BG170959, BE644966, AA576883, BE349394, AW665349, AA969337, AA969535, AI694323, R10513, AL045971, AW993256, AI860774, BG027280, BF904265, BE910373, AW148363, BG029667, AI633125, AL120853, AI433157, AI702073, AV762488, BF970768, BF338002, AI284509, BE785868, AV757012, AL514721, BG113299, AI866127, AL514731, BF814420, BF812961, AI801325, AI434256, AW827276, BF038131, AI500662, AI318569, BG166654, AI269862, BF795712, BG257535, BE963035, BF527014, BG110517, AL513807, AW772536, BG029829, BG249582, BG252929, AW169653, BF970449, AI539771, BE047852, BF338723, BE876033, BE885490, AL036780, AI364788, AI537677, AI521560, AI500659, AI274759, BE880182, BF812960, AW827289, BF032768, AI500523, BF812438, BF812938, BF339322, BE874133, BF970652, AI284517, AI500706, BF816042, BE047952, AI445237, AI491776, AW151138, AI633493, AI284513, BE909101, AL513687, AI921248, AI677796, AL110306, BG031815, AI929108,

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HPAMS93	452	101194 8	1 - 4502	15 - 4516	BG026454, AU136698, AA776842, AV707577, AV705003, AV706119, AV704393, BG112983, BF791105, BE501811, AI743650, AI671708, AI816789, AA723646, BE885350, AI636006, AW021004, AV726053, BF671148, W63546, BG249128, AW168299, AW665425, BF240936, BF692672, AA928542, AW950765, BE881258, AA846553, AI979064, AA742232, AW439829, AA449108, AA437197, BF695261, BE858197, AW134486, AA902878, BE546728, BF574789, AU152945, AI381912, AI684433, BF056144, AI139359, AI554413, BF381601, AI150427, AU157987, AW969822, AI424982, AW995211, BF351582, AA506295, BF209677, BE565044, AI088749, AI310443, AW512634, AA970921, AI359188, AA764772, AA827252, AA058552, AI362408, AW072743, AA766122, AI695798, AU157615, AW262974, BE835401, AA742318, AI623928, AA766577, AA513825, BF570645, AI394370, N51644, AI707846, AV721192, AI168421, AI348599, AA426385, AU155502, R78671, N59337, AU138435, R76132, AI433201, AA633541, T28713, AW103272, BE501987, R71309, AU131133, BF988802, N77145, R38553, AA084680, AW292597, R71256, AA053304, BE892939, AI474643, AV707777, AA346362, Z19210, BF800195, BE933905, AA970905, BE221948, H11501, AL121134, AA541406, AA373725, AV725851, AA348237, BF094439, R78631, AU139383, AA356852, R49221, BF086129, BE241955, D54215, AV721047, R42939, BE173266, AA348236, BE708094, BG109183, C00707, AA081650, F00029, AI699168, R25602, AI352064, R76083, BE835431, AU122860, F10470, BE501204, BE241571, R26998, AU134565, BE893499, BE244866, BF914011, AW237144, AI817847, AI968300, BE813282, BE878743, BF852756, BE241491, BF699184, BE708399, BE172638, AA879066, and M74089.
HCRBN71	453	101196 6	1 - 681	15 - 695	AA195119, AA195013, BF680123, BE219252, AA738440, BE540300, AI703457, AI183309, AA243291, AA243401, AI191561, AI292346, AI306531, AI817119, AI038422, BF211661, AI091896, AW051480, AA976687, AA243441, AI348605, AW015242, AI246250, AA989100, BF058616, AA831493, AA252613, AA459659, AA459782, BF570879, AI076966, AI784681, AA953732, AA931640, and AI383295.
HCRNC60	454	101200 5	1 - 2294	15 - 2308	AL527016, AL521200, AL524479, AL527060, BE734447, BG253129, AI521201, BF689091, BF965518, BF688892, BG166242, BG120159, AW007680, BG252573, BG027017, AI027899, BG250439, BG034762, BG028233, AL046964, BF688663, AA573191, BG250944, BE536191, BG250019, AL048451, AI983368, AI609925, AI391636, AW130457, BE018872, BG036095, AI925662, BG122085, AL524480, BG170360, BG121606, AI445752, BG121507, AA577112, AW513478, BF930780, BG034823, BE302383, AI814775, BE537945, AW874680, BG109535, AI655191, BE378060, AW769155, AI620523, AW950570, BF037587, AI690135, BF476375, BE273976, AW016285, BE273565, AA613365, AL516994, BG117073, AI624237, AI818796, BG251134, BF034144, AI697379, BE539030, AA506219, BE206559, AL516993, AU148176, AI748875, BE835356, AW190411, AA599544, BF921054, AU150378, AI436129, AA599412, BG118864, AA863094, AI687746, AI088772, AI075672, AI149159, AI766187, AA976487,

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HSPSJ24	455	101206	1 - 1316	15 - 1330	AI026930, AI378815, AI922741, BF525953, AA837561, AI813985, AW575286, AW238276, AI568176, AV704102, AA833826, AW966027, AI610329, BF957805, AU155099, AI445584,

	456	101207	1 - 540	15 - 554	AW961244, AI334017, AI079505, AW864116, AV704875, AA404652, AI286039, BF530066, AI242489, AW864106, AA291389, AI870616, AV652034, N89796, AA902569, AI919269, AA291577, AI431315, AA668836, AA872786, AI831565, AW864170, AW794584, AW864163, BF340236, T28155, AI742033, BF857432, AW864152, AA631865, AA291290, R53870, AI126682, R34002, AI333467, AA364732, AI869894, AW088986, AW374849, H55942, AA878934, AA588087, BF953364, R53821, BF360435, BF848998, BE887127, AW751621, M87503, AL136295, U51992, and U92994.
HPCPB22	456	101207 6	1 - 540	15 - 554	BG167998, BE081198, AC005250, and AC006477.
HOVDZ22	457	101213 6	1 - 1190	15 - 1204	BE871201, AL079363, AI859755, AI151160, N47360, AI683204, AI827375, BE886069, AW369494, AA864845, BE770755, N56977, AA915977, AW627718, AW968202, BG252747, AA460264, AI359195, W22324, BE829260, AI082298, H37982, BG236816, AA620458, BG055923, H38203, AA991749, BF237665, BE770756, AA468461, BE704354, AI247941, AW470558, BE207909, BE829323, AI362578, BE833033, AA921753, AI867497, AI744126, AI783585, AA668493, AW451685, AL039988, BE165016, AA836177, BE693573, BF339879, AW270250, AI824219, AI216264, AI185891, AA505063, AA481160, AI123571, AI420255, AA463829, AI473334, AI554888, AA594994, AI202395, AI623088, AA505761, AI971348, AI263358, AI384099, AA234726, BF196906, AI417107, AA160515, AI004300, AA350704, T61636, BF094163, BE398137, BE267717, BE269084, BE267516, BE398095, BE397950, BE705905, Z99396, AW976502, AL119324, BF868687, AW861944, BF868697, AW804686, AW861954, AW969885, AW604723, BE695785, AW392670, AW976982, AW973209, BF868684, AW972292, AW973213, AW979194, BE705903, AW372827, AW858526, BE705906, AL119457, AW858525, AW577135, AW975002, AW975965, AW384394, AW861889, AW858455, AW970942, AW973219, AW970889, AW974823, AW363220, AW972377, AL119497, AW975952, AW972823, AW979127, AW972845, AW971403, AW974801, AL119319, AW975876, AW975966, AW969673, AL119443, AW971968, AW973252, AL119483, AW877209, BE705904, AW976511, AW975154, AW604726, AW976023, AW969791, AL119363, U46350, AW979212, AW975037, AL119335, AL119496, BG059382, AL042614, U46341, AW979204, BG153750, AW973270, AL119484, AW970113, AL119391, AW970627, AW971387, AW972884, AW973189, AW973202, AW972695, AW973805, AW973770, AW972719, AW976515, AW975976, AW979165, AW976510, AW969818, AW971954, AW972680, AW975975, AW969884, AW972943, AW969759, AW979083, BF592735, AW970587, AW973650, AW979175, AW975646, AW973986, AW979064, AW975938, AW975016, AW975019, AW975138, AW975968, AW970921, AW969766, AW979116, AW973185, AW972806, AW973987, AW975910, AW975943, AW972689, AW972706, AW973164, AW970097, AW973824, AW971964, BF588769, AW975904, AW974379, AW969752, AW975227, AW976037, AW973718, AW973967,

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HBZSK53	458	101224 0	1 - 812	15 - 826	BF311945, AA573955, BE272773, BE563532, AI205315, AW160842, BE902005, BE261848, AW951052, AI247509, AW160847, AW162381, BE260271, BE394195, AA158241, AA52227, AA682673, AW977784, AI445208, AW083990, BG167471, AI142942, AI139661, AA151647, BF055277, W51775, AA902783, W49523, AI831943, AA977542, AI344595, AI350350, AI439566, AI818831, AI261413, AI991292, AI266611, AW514380, AA306292, AI358932, AI718114, AA429579, AI423083, W80604, BE675912, AI718228, AI523860, AI143448, AA432139, AI090465, AA954640, AI085397, AA631070, BE538110, AI363402, AA733065, AA984904, AI660966, W48670, AI190092, BE676065, AA612812, AW104262, AA653079, AW261940, AI223979, AI523945, AW270000, AI750115, AA978047, AI300204, AA569148, AI129908, AA644008, AA715305, AI222391, AA032056, AI262474, AA766275, AI309951, AA917686, AI268587, AI363403, AI266575, AI084868, AI032228, BE785787, AA811091, AW663483, AA031920, AA918011, AA432330, AI351278, BE044385, AA876021, AI857658, AI673477, AA768844, AI160107, W49524, R67696, AW351509, AA748636, BF802108, AA832382, AA978061, AA805201, AA160838, BF663301, AA621587, AA627983, AA569031, AV706578, AI343867, AA938352, W51925, AA745920, AA886173, AA455371, AA456011, R66095, AA731749, AW905884, BF958963, W80603, AA641565, BF958968, R77511, AA806716, AI380276, AA811186, R77585, AI032240, AI380346, AI144561, BF001946, BF447194, AI696133, AA936222, AW381956, T28808, AW008792, AW292340, R24242, AW296152, AI867529, AI524303, AI659130, AI672577, BF800229, AA627736, AW169557, AA054546, W94819, AW368945, BF818801, AW368926, AI680585, AA636017, AA054605, AI686369, AA151728, BE163318, BF063215, AI738553, BE906185, AI219206, AA601515, AI202296, AA431125, AI972929, AA593134, AW374327, AA954620, BF800216, AA554557, AA639642, AI810889, AI340218, AA281762, AI379209, AI351301, AA594840, AI797854, W96037, AW451496, AW966330, AV742732, C14331, AV738340, AV741220, AV742735, AW975618, AV718681, C14429, AV724520, AV742048, BE744646, AV718489, AW973541, AW973445, AW177440, AI709272, AV699550, AW753053, AV744690, AV718692, AW964468, AV701004, AV701125, AV701166, AV701149, AV741191, AV699927, AW752082, AV741221, T03269, AV742001, D80164, AV720791, AW949654, AV738928, AV701154, AV720533, AW964766, C14389, AW966053, AW951169, D59467,

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HBCPH02	459	101245 3	1 - 1430	15 - 1444	BE748869, BF970794, BF109702, BF981345, BF197326, AI300552, BF219195, AW964590, AW163294, AU118237, BF107178, AW957100, BE567746, AU150552, AL046520, AW893994, BE671865, AJ376741, BE465805, AU148817, BE763405, AW298504, BF836318, BF056808, AI949526, AI766147, AI620120, AI192681, AI140674, BE840892, AA868721, BF091198, AV652131, BF666129, AW663986, BF365557, AW043639, AI989546, AW337182, W78826, AI039003, AU156430, T75226, AW451577, AW293998, AW351808, AW295214, AU153154, AW803385, AA430259, AI510818, AI308083, AI671263, BE769464, AW803255, AW803392, AU156278, AA099306, AL040713, W45375, AW276921, AI872944, CI7821, BE049636, BF848474, AI696052, W57547, AI962395, N22077, AA171668, AI342101, AA099816, AA992066, AW803326, AA193330, AW005014, W04771, AI628191, AI635617, R99125, T48495, AA592987, AI934241, Z43316, F08940, H80457, H81377, D82795, AI122977, AA284696, AA284590, AW337979, AA173427, BE185818, AA953291, AI251824, AA160137, R67589, AA369820, AI364187, T35490, F12859, R35378, AA369819, BF877494, BF877495, BF955988, BE769588, AA169306, R05772, AA194113, AW996501, AA001824, BE939044, AI658789, AA905018, AW996634, AW057868, AW404006, AA430050, Z40765, BF431206, W40159, AW087302, CI9047, R51240, R05858, AA693378, C01276, AI735529, R44456, Z38249, F02058, AA002028, AW473147, AI524541, R99667, AV646092, T48521, AI873873, H90424, N75320, AA296739, AL043736, T27288, BE171992, BE748278, C16664, BF667063, AI471687, BE545906, W28705, BE844099, W80725, AI932539, AA321790, D82809, AU136017, AI535689, AW391533, AW448998, AA766709, AW502434, AW977442, AA825646, AI056222, AI084972, AI784081, AI696000, AA026072, AI381964, AI275012,

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HCONM62	460	101245 4	1 - 1884	15 - 1898		

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HOGEU69	461	101245 9	1 - 1076	15 - 1090	AI041834, AIU131484, AI200980, AU131609, AI523472, BF035100, BG260988, BE906446, BF679739, BF312184, AA916757, BE786938, BE907375, BE882435, BG104553, AW003881, BE541116, BG251041, AA489052, BE042721, N25127, BF109620, AL119362, AA575865, AI814469, N23048, AI188945, AW194097, AA814140, AA991228, AI828232, AA044782, BE252873, AW193148, AI085157, BE147999, AI022397, AI189984, AA724929, AI351066, AI056076, AA938240, AA996103, BE018234, AA280782, AA488800, AI087074, AI199451, AI128165, AA262090, AU138117, AW591232, AI355359, AI356853, AA524527, AI360277, AA033520, AA280788, N20582, AA559009, AA676465, AI088598, AI311465, AI354780, W15254, AW946384, AI914929, AA508033, AW081777, W37433, H99944, AA034194, W39240, AI750152, AI040726, H99681, N28443, W37434, AA508041, BE010703, AI095133, AA508696, W38448, AI891015, H99648, N24439, N28712, AA969522, AA508060, BF130256, AW886258, AW886126, BE833921, AI266525, AA933334, AW886221, N94573, AA446386, H95004, AA825415, AI149761, BE092707, N25807, AA229348, AA825216, N28974, AV708464, AA228658, AI358053, AI372872, H99558, AV709572, AA040692, AA878281, R20044, AA508042, AV713109, BE242250, AA040691, R53806, R14634, N57352, H95115, W30863, H99287, N79830, AA044805, AI040716, AW768986, AL036353, AA043927, AA351987, AL134252, AW998436, N27404, AA223132, N29420, AW029461, AI289949, AA423964, AA126593, N29428, BG170431, N57360, AI749508, AA033617, BF916002, AW798880, BE932959, AA127239, BE932960, AA423965, H23023, BE092701, AI686200, M74090, AR019525, M73547, AC008536, U28168, and D55682.
HVVBD93	462	101246 9	1 - 1081	15 - 1095	BE738428, BE622930, BE388215, BE728140, BE273270, BE253146, AW975614, AI828072, BE622113, BE740360, BE256369, BE513955, AL049117, AW246698, AI937156, BF952983, AW025197, AI569648, AA777531, AI200937, AI373492, AW082024, BE266217, BE727220, AW615439, AI131087, AW294607, AI890725, AW026504, AI955337, AA291355, BG255058, AA604477, AA213760, BE396916, R43170, BE264280, BE266305, AW088137, AW130381, AW293476, AW024648, AA725718, AA243878, AW872893, AI079160, AA991781, AI024096, BE277815, BF762401, AA714463, W04697, BG164126, AA749289, BF312230, AW173655, BF311310, AW872898, R72214, BE275756, R72173, BG035135, T81447, AA287579, AA852947, AI420773, BE273124, AI918030, AI934666, BE313702, AA287580, BE207070, D31321, BF884206, R81123, AA707587, T81446, BE737821, AI187858, AA703769, AI918961, H39080, BF206747, BF725734, AA852946, AI003595, AW196317, BE260174, AA426248, AI380772, BE295171, BE264554, AW009932, AI014898, AI699193, AA403296, BF342292, BF725972, Z41538, AI686972, AI468396, BE270370, AW081691, BE263952, D31040, BF207215, BF972786, BE294861, BF089748, W31799, BE882427, BF310977, AA243886, AK025906, AK024609, AC002472, and AC007664.

HCOMV86	463	101248 2	1 - 1807	15 - 1821	AA868382, AI207418, BG106534, BG176917, AW131668, BF663200, AA603100, BF663334, BF663905, BG107139, BF794643, BF974604, AW515958, BG024963, BG106095, BF976578, AW574923, AI889774, AW854143, AV705121, AI817360, BG176945, AV705966, AW170583, BF891177, W87428, AI572923, AA17879, AV703116, AI433246, AW474013, AI920980, BG105961, AW404796, AA866201, AA622265, AW708855, AW405212, AI433215, AA419168, AW576067, BF846835, AI865230, BG024329, AI250702, AV759623, AI335036, BF874093, AW337397, AA978343, AW946904, AI224372, AV715313, AW406262, AA633257, AI831123, AW405771, AV691913, AW339958, AA679851, AI719939, BF891202, AI025871, AA634860, AV716938, AV707481, AV657580, AV714394, AA482466, AW402670, AA938301, BF884309, AI193894, BG024343, AA887979, BF377745, AI633727, AI301482, AW518174, BF868985, AW406412, AA775022, BF868701, AV717599, AW402410, AW406310, AA878538, AW406867, AI573045, W87573, AI433194, AI905912, AI819482, BF891581, BF891575, BF891196, BF874104, BF891027, AI758717, AW406295, AW016654, BF963070, BF869315, AI709196, AV693491, AI887132, W37302, AW770000, AW629664, AV735238, AI344688, AW406388, AW574680, AW575158, BF874095, AV727005, AA131654, AW518347, AV713842, W01611, AA995292, AI250681, AW368560, AI306398, AW796429, AI214199, AW575231, AA954002, AI469330, AW007639, AA845737, AW403503, AI272852, AA405114, AA858023, AI523647, AA968577, AI078594, AA989677, AI864521, AW192127, AA862420, AI273233, BE041211, T89647, AV727711, W37301, AW192128, AA385676, BG232008, AW403818, AW403480, BG236461, BE246199, D57806, AI360538, R62321, BF343902, AA977287, AV763632, T65859, BE246261, BE155442, BF950596, BE696751, AW614870, AA367085, T63635, AW576013, AI500121, AW800018, BF353789, BF858183, BF891573, AA348102, BF890947, AV734144, H92391, AW404237, AI249268, BF330961, BE155481, AA165543, AI203724, AI816964, BG025857, AI627929, AI865046, BE041320, AA131588, AA360864, AI954329, BF891068, AI934580, AA159773, AW606233, H83811, AV689952, BF334881, BF896819, BE044123, AW969439, BG058567, BE155291, AA854297, BE696744, BG106291, AW406039, AI141141, BE696755, N70844, AW403090, W16836, BF378554, BE827807, T28717, BF891186, BE706608, AW959352, AI913770, AV654767, BF334885, AI340964, AA635838, BF360093, AA564957, AA746256, BF360078, AI865301, AA346471, AI803471, AA494554, AA652656, AA918569, AI468886, AW608229, N40858, AI149461, X00033, M34996, X00452, M26041, X00370, M20506, M33906, M29616, M17236, M29615, Z84490, Z84489, U92032, M11124, M20431, U77589, J00199, AF201297, AF201293, AF201294, AF201295, AF201296, S40624, M16995, L34082, L42625, L34086, L34083, L34084, L34085, M17237, L34352, U42407, L34088, L34089, M93433, D50045, M93431, L34087, AF037314, L34094, L34090, M29939, L33909, L34091, L34092, L34093, Y07820, M29938, Y07819, D50454, Y14022, M33305, K01923, K01922, X14879, M17846, M17847, M15557, K01926, AF027865, AF050157, D50046, AF012768,
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HVVAF65	466	101254 2	1 - 2397	15 - 2411	AI718272, BE172473, AW950787, AV691361, AI694578, BG165602, BE908696, AJ692948, AI435139, AW952424, AI749626, AA706620, BF435793, AI457978, N30162, AW594533, AI803132, T62985, AI302429, N66853, AI202793, AA934418, BF002753, AI344483, AA137137, AA828635, AA040849, AA137066, AI344480, AI970958, BE817251, AI266685, AV654372, AA193479, AA040205, AV646828, C15337, AA095042, H62021, D80729, AA602312, R96139, H65659, BF215297, BF673930, H15643, AI675539, T27662, H63016, R16219, D53152, N35776, AI439733, R67281, H72388, R16218, R96356, H61952, H72834, H62887, AA872751, H65660, F04944, BF803114, AA810796, AA079159, AA355280,

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HCONN76	467	101254 5	1 - 2256	15 - 2270	<p> AU121806, AI419322, AI375649, AA740857, AI923670, AU135618, BF974977, AI018493, BF972585, AV703204, AI580165, AI358951, AI949126, AI686544, AA890179, AW276428, BF974392, BF057399, BF593620, AW574807, AW384107, AW384111, AW384089, AA419530, AW384094, AA457042, AW378570, AW384086, AI689293, AW273393, AI610786, AI421949, AW954203, BF740135, AW305311, AA826781, AA148159, AA143789, AI243289, AI093096, AU147786, AA928572, AI094995, BF971481, AU154441, AA593863, AI991650, AA974953, AA630151, AW241907, AA487958, AU147378, AA112842, AI289031, AU148064, AA262949, AI187750, AA477235, AU152719, AI192762, AA291508, AA835410, AU147554, AA410900, AI275426, W63575, AI346888, AA975468, AI031872, AA149698, AA858199, AW090334, AA765920, AI347761, AI027390, AI734036, AA233688, N35403, AA233694, AI524762, AW169347, AI393690, AA233658, AW408537, N31876, BF683137, AI347762, AA232871, AI968983, AA233653, W49782, AA425969, AI961848, AW470581, N23975, AI218887, AI142748, AI379185, AA134943, AA053202, AA053117, AW360883, AI167537, AA514209, T60073, H61837, AA904089, AA127822, N30725, AI581987, AW802186, AA456886, AA426260, BF739150, AA456006, AU156178, AA127870, BF432078, AI468773, AA865246, AA587601, BF737239, BE710654, AA405416, BE699641, AA970821, AI263749, AA193601, AA954886, AA193638, AA402922, AA306065, AI000822, AA411349, AI150890, W48763, AI074634, AI382743, AW376350, AA477236, AA366868, N36466, AW794580, N25748, AW749051, AA293337, T28945, AW802239, AA295418, T99843, N98766, AW798065, BE386694, N48037, AA304560, AA004402, R35815, AW748384, AW390099, W30997, AI460116, AA303818, AW505188, AI915251, BG055292, AA128000, AA135020, AA421890, AA487959, AA304120, AA370424, F01957, AW793017, BF379088, AA151896, AW236287, R00415, BE243368, AA702709, AI559797, AI953687, AV699166, N41337, AW880777, AA294897, AA307162, F05704, BF115416, BF908893, BF925691, AW496798, AI825370, AI953746, C02666, BF953388, AA361869, AW371607, R74116, AA128097, BF129208, AU121592, H61838, AU133022, AW403738, BF974893, BE005171, BF836392, AA004322, AI865200, BF739143, AU122119, AA525968, AI432644, AI623302, AW059878, AI432653, AA521365, AW969217, AW081103, R88402, AA287544, AI431307, AI431316, BE893692, AI432654, AI431238, AI432650, AL134524, AL119457, BE880000, BG028055, BE782316, BE877515, BG024493, M30817, M33882, M65087, </p>

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HVV BK78	472	101264	1 - 630	15 - 644	BE762446, BF964007, Z99396, BF868687, BE705905, AW861954, AW861944, BF868697, AW804686, AW372827, AW604723, AW392670, BF868684, BE695785, AW969818, AW858526, AW858525, AL119497, BE705903, BE705906, AW969714, AW577135, AW384394, AW861889, AW858455, AW877209, AW363220, AW969819, AL119319, AL119363, AW979212, AL119443, AW975037, AW973185, AL119496, BG059382, AW969885, AW979204, BG153750, AW604726, AW973270, AW970113, AW972884, AW973189, AW971387, AW973202, AW972695, AW973805, AW973770, AW973213, AW972719, AW976515, AW975976, AW979165, AW976510, AW971954, AW972680, AW975975, AW969884, AW973130, AW972943, AW969759, AW979083, BF592735, AW976982, AW970587, AW975876, AW973650, AW979175, AW973986, AW979064, AW975938, AW975016, AW975019, AW975138, AW975966, AW975968, AW970921, AW969766, AW979116, AW972806, AW973987, AW975910, AW975943, AW972689, AW972706, AW973164, AW970097, AW973824, AW971964, BF588769, AW975904, AW974379, AW969752, AW976037, AW973718, AW973967, AW975933, AW973734, AW979169, AW973207, AW979176, AW972882, AW973104, AW975028, AW969782, AW970868, AW972868, AW973985, AW973210, AW975648, AW971129, AW971403, AW973209, AW975971, AW969930, AW972864, AW973219, AW969658, AW972440,

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HVV BK73	473	101264 6	1 - 733	15 - 747	AUI39028, AUI36137, AUI37891, AUI35546, AUI38700, AU137082, BF992828, T46923, AUI36711, BF992829, BG002838, BF956994, BF997301, BF997306, BF803266, BF812082, BE929910, AA299528, H04349, AA367974, AA300047, BF086216, X78212, U11862, U11863, AC006343, M55602, and AF218035.
HCOMW35	474	101265 2	1 - 1044	15 - 1058	AI684897, AI200892, AI478735, BE561321, BF001430, BE269357, AW274694, AI798122, AI554564, AI554553, AI681112, AA576942, BF064055, BE559728, BF063173, BG057298, BE269083, AI281053, AA291322, AW661889, AI311456, BF514281, AI347538, AA291323, AA835642, AI417683, AW080290, AW015465, AW510740, AI620444, AI659037, AW977226, AA731234, AA642457, AA689434, AA731232, AI797545, AI425078, AA947102, AI280944, AA809333, AA732232, AA737649, BF055737, AL513907, AI637584, AL514919, AL515375, AI824557, AI284020, AL514627, AI701074, AI520785, AI362637, AL514357, AW198090, AI889376, AI433157, BE048071, AL513553, AI702068, AL514473, AL514691, BE018334, BF726504, AI274013, AV729336, AL514929, AW827289, AI801544, AI514063, BG180034, AL514205, AI564719, AI624279, AL513977, AL515019, AI567351, AI560099, BG249582, AI475817, AI539687, AL047763, BF726868, AL515191, AI590227, AW243820, BF793324, AI569583, AI702406, BE047737, BG112718, AL040243, AI702073, AL513781, AI538716, AL513693, BF727092, AW262565, AL514025, BF726322, AW663332, BF726451, AL514085, AI925156, BG164371, AI610402, AW169671, AL515413, BE904178, AL045266, AI608936, AL513999, AL513779, AL045500, AI567993, AL513597, AW303152, AW827276, BG120816,

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HVVBJ28	475	101265 4	1 - 1936	15 - 1950	AL528408, AL522973, AL529995, AL530141, AL526233, BE275004, AL529395, BF343867, BG256905, BE872845, AL526193, AL529394, BE868712, BE883888, BE273090, BE383725, AA399958, BE388651, BE391299, BE895693, AW967063, AA165444, AW009236, BE395414, AA017606, H29686, AA683274, AI751272, BE544783, BE671807, AA165445, AI823998, AI659213, AW270895, AW302260, AI937006, AW470682, BE968707, AV755754, AA317291, AI337198, T63207, AA393623, AW805340, AI751271, BF889263, AA401400, AW805193, AI075114, AA088644, AW002097, T62957, AA317025, AA017493, AI627659, AA400608, AW073145, AA019385, BF941438, AW271790, AA700742, AA789211, AA088225, H29600, AI760822, BE183202, AA019384, BF590759, AI284395, AI865624, D59319, BF593686, AA401401, C20664, AA677572, AI767804, AF026851, AF151033, and AB019410.
HVVBR45	476	101265 7	1 - 3619	15 - 3633	AUI20634, AL528938, BG116777, BE744455, BG024541, BG105634, BF526006, BE548428, BF340790, BE297483, BF795604, BG250467, AW950002, AU124855, BG177719, BG035815, AU128003, AI908284, BE382499, AA129775, BG254170, AI279893, BE747515, AI827715, AA527855, AI885559, BG027992, AI991310, BF527629, AI885197, N25675, BE222933, AUI29326, W58477, AI890549, BE968759, BF983508, BE788617, AI040322, BF737414, H93013, BF344426, BE897190, AW007050, AI924625, N25714, AI446043, AW118763, AA493370, BF057508, AW873581, AI860982, AL526630, BE046501, AI912360, AW516934, AUI51479, BF762977, W73794, AA496467, BE907961, AI814467, AA142925, AW362918, AL157574, AA856581, AA948060, AA043690, AI872192, AI147489, N34061, AA878451, AA844016, W58403, AI860592, AA232217, AW086196, W75973, AI268108, AI141580, W73743, AI207799, W69080, AI366057, AW080053, AA028882, BE786506, AI366035, AA854738, AA564463, AI131222, AW303984, BF737413, AI033389, AA143148, AI761635, BE173656, AI280409, BF852593, AA780584, AI890510, AA977605, AA879112, AI609052, AA936565, AI274918, W23983, BF874699, AA693455, AA135704, AA845282, AI679279, W69683, AA701883, AA580563, BF796519, W00612, BF738570, AI148025, N24101,

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HVV/AF41	477	101266 5	1 - 1389	15 - 1403	BE748731, BE748763, BE748704, BE748542, BE738542, BE379806, BG248894, BG254845, BF793482, BE739520, BG024667, BE546206, AV764107, AV710004, BG165568, BG106140, AV653833, BE880236, BE748668, BG032118, BG119765, AL036245, BF676015, BE778251, AV710461, AW955246, BF672659, AV757407, AL036186, BE881539, BF672708, BG030502, BF699618, BF672658, BF211316, BF669231, BF666671, BG166568, AV658796, BF212420, BE748247, BG169620, BF212264, BE884781, BF667759, BF699625, BF207694, BF665900, BE777521, BF215125, BF701217, AV650138, BF574853, BF575581, BF211437, BF791257, BE566395, BF665569, BF700142, BE379886, BF668671, AV715701, AV715023, BF669152, BF666977, BF672605, BF665908, BF576266, BF212430, BF665627, BF699403, BF698941, BF699441, BF238765, BE569019, BE566225, BF207543, BF207758, BF242453, BF695572, BF665909, BF028287, BF211015, BF667649, BF677662, BF103958, BG110207, BE738197, BF668144, BF184116, BE958206, BE379971, BF028523, BF209852, BF694862, BE866755, BE739256, AA579646, BF701199, AW817835, BF667118, BF672681, BF978665, BF669842,

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HOCMN67	482	101270 0	1 - 1363	15 - 1377	AL524901, AL524902, BF346000, BF974670, BE300440, BE613761, BE298717, BF305443, BE737079, BF315660, BF975373, BE900875, BE794605, BE561418, BE297884, BE396794, BE513285, AL529353, BE560182, AW732675, BE360298, BE396870, BE392195, BE251954, BE397849, BE559742, BE869296, AW674368, BE273242, BE513542, BE939301, BE396873, BF899554, AL523561, BG036335, BF975060, BE712864, BE712991, BE712989, BE712980, BF366123, BE764733, BE816334, BE712872, BE889264, BE939316, BE712995, BE712968, BF091964, BE836278, BE712925, BE712910, BE712914, BE712939, BE713048, R88246, BE712933, BF590942, BE712954, BE836306, BE712957, BE712905, BE712898, BE793722, BE712951, BE713021, BE397330, BF353840, AL424305, BE713046, BG259170, BE764762, BE712893, BE711115, BE713029, AW966962, BF663330, AW843896, BE712908, T28088, BF353844, BE836190, BF993734, AL119235, BF806263, BE247329, BE712941, AW245699, BE713039, AA324644, BE713045, BE712907, BE713000, BF353823, BF935628, BE764756, BF767291, BF873692, BE256697, BF312944, AW793930, BE713031, BE939814, BF905030, AW246049, AA255647, BF898057, AW967945, AW408770, BE071408, AA291247, BE071380, BF803081, AW856222, BF751657, BE071379, AW881797, BE838899, BF942875, M80776, X61157, M34019, M87854, S48813, S81843, AF087455, M87855, U08438, U08437, U08435, Z64532, U08436, and AB012255.
HAPOW35	483	101271 1	1 - 684	15 - 698	BG107619, AL522537, BE787836, AV762511, BF248284, BF667269, BF577158, R11727, BE565643, AA378120, BE798891, H08058, BE293634, BE395888, AA232695, BE250045, AA195384, AW327299, A1915592, BE733913, BE538250, A1123566, AA456540, BF572380, AA312705, H19735, AA442143, AL522536, BF978828, and AA418920.
HOVM48	484	101308 5	1 - 987	15 - 1001	BF514360, AI984072, BG104550, AW968769, AA447067, AA490806, BE866640, AA683471, BF155603, BF088348, BF088352, AL119141, AA490615, AL037910, AW591443, AA857381, W23546, AV762136, A1524540, AV682490, C14692, AW402458, AA508873, AV764104, AW977540, BF475757, AW276984, AW513195, T52478, AA176605, AW819567, BF766734, BE151470, F17700, BG057491, AW819626, BF964699, AW780137, F32710, AW151764,

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HBJHY84	485	101321 3	1 - 1512	15 - 1526	BF513481, AI979334, AV750733, AW150342, AI554025, AI917181, BE466873, AA677977, AA836452, AU129610, AA747905, BF379175, AA214482, AI453218, AW959298, AI275918, BF059687, BE067524, AA810010, AW379211, AA301486, AA214481, AA214445, BF379159, AW082876, BF379158, AA721103, BF355470, BF355489, BE939440, BE548541, AB046771, AK000688, AK000703, AB052148, AK001514, and AL356321.
HODEY05	486	101321 5	1 - 980	15 - 994	AA676907, BE907847, AA151808, BE178106, AA465289, AA099035, AV681964, BE931939, BF126400, AV713960, AI968768, AA169424, AW070222, AW243844, BE348296, AA586596, AW016834, AW816384, AA761449, BF222953, AI990337, AI718942, AI807357, AI805276, AW510884, AI026648, AI655423, AI337899, AW514709, BF108752, BE326928, AU150814, AI925967, AI688125, AI334211, AI458611, BF055542, AI367596, BF446726, AI017955, AW273107, AI719981, AI653813, BF239166, AW117292, BE464800, AW003783, AA992935, AA151706, R34792, AW193690, N56974, BE326479, AA826184, N50399, AA903397, AI623937, AI626024, N64085, AI627773, AW515818, AI491985, BF955678, and AK001514.
HFIAS44	487	101328 8	1 - 1810	15 - 1824	BE886149, AW375593, BE269242, AW957836, BF530063, AW375621, AW957911, AW846341, AW375628, BE514122, AW846424, BG030265, AI811330, BF330319, BE869746, AI815588, BE868627, BE732069, AA557637, AI568426, BF313483, AL041389, AW402679, AA406384, AW375475, AI934752, BF155423, AA406342, BE168512, AI968463, AW973674, AW607132, AW846515, BG254619, AA406497, AA313680, BF816414, BG248281, T18893, AW604300, AW604302, BE538503, BF743311, AI206416, AA406519, BG248377, BF732203, BF854744, BF331846, BF087586, RI7426, BF834809, T31135, H80276, AI784072, T65203, AW875193, H80290, BE535225, AA247392, AV750366, BF896281, AW973606, AV746827, H60654, BF922334, BF922374, BE936802, BE834304, AI695115, AA813331, AW975890, AW962644, BG236141, AI983327, W56290, BF197086, AA444138, AI816541, AA514456, AA843581, AI049963, BE221699, AI587092, AA250772, AW263993, AA046111, AI206498, AI183986, AW513618, AW664318, AW771830, AI888536, BE221175, AA485368, AA628369, AI580963, AI367671, AA443975, AI049696, AI061268, AI366699, R23237, AW169087, AW151048, AA369024, N24093, BE075974, AI872289, AI049602, D80579, AI150944, AI626126, AI870066, AW166332, AA098961, AA283206, AI887547, BE075635, BF887600, AL121101, AI338261, AA047064, AA182785, AI252230, AA411078, AA412144, AW662033, AL041390, BE542595, AI761472, AI813797, AI762565, AI275243, BE926636, AA612773,

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HHAUD68	488	101334 9	1 - 2010	15 - 2024	AUI25260, AUI43224, AUI37482, BF979962, BE905320, BG110056, BE888357, AW954111, BF026567, BG029311, BE886387, BE787743, BF036993, BE005810, BE066803, BE005792, BG106111, BE005659, BG030463, AV716755, BE066786, BG031259, BE778590, AUI35372, BE887428, BF034840, BF338135, BE868838, BG112573, AV712560, BF214840, N45714, BF213704, BF028304, BE885061, BE536630, A1356584, A1347088, BE395083, A1681921, A1188394, BF858245, AUI26274, BE777483, A1096867, BF678510, A1949239, BF184121, AA707270, AA633307, AW958965, AUI57193, A1690981, AW239297, A1200952, A1669681, BE005608, A1798809, AW089548, AW008494, A1890758, A1018475, N23783, AA725815, AW470025, N51271, BF247190, A1568976, A1359668, BF695947, AW009914, N20100, A1139586, BE044205, BG120837, BE005731, AA860476, BG037171, BF825690, BF857560, A1129987, BG260980, BF826918, A1718666, A1207986, N51936, AA768749, AA912686, A1383741, BF857536, A1245880, A1189601, N67649, AV654895, AA946580, N48992, BF826941, AA632226, AA167747, A1356794, W46970, BF826915, BF026656, BF058150, BF858239, BF826920, AA056425, W47070, N95707, A1911483, BF840837, BF857539, BF244858, BF696908, AW771738, BF840835, H82727, AW377477, BF241650, BF857561, BF572620, W70038, BF857538, BF837203, W81364, A1219967, A1245295, A1383740, BF837231, R62245, BF825157, A1961325, BF826913, AA487374, W38741, A1183329, BF826942, A1681827, BF826926, AA659102, AA828479, W00832, W81623, A1827180, BF516055, BF691072, BF825243, BF577004, AA487168, AA332859, A1129023, A1017064, W04513, BF381139, BE243202, AA384913, A1538100, AW770150, AA167647, AA361670, R59853, AA374619, W31455, AA056374, BF028286, H83601, AA865845, BE242044, AA723853, BF215949, R17124, AA064891, A1302004, A1121936, U90549, AC018752, AC073095, W01099, AA177121, AA249743, AA487257, AA487320, and AA680190.
HEEAA89	489	101343 6	1 - 770	15 - 784	AW959616, AL135608, W22896, AV691197, AV692570, AA157308, H23082, AV683581, AA062798, BG249373, A1934999, AA480943, A1969520, D81149, F07060, W90404, AA299769, D60727, BF904504, AA233997, A1829619, BE876051, AA299827, AW006228, AW502192, AW499693, AW499650, AW501778, AW499690, AW471169, AW502898,

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HNTAK22	490	101352 4	1 - 3509	15 - 3523	AL536370, AL533357, AL533536, AI131336, AW007658, BF344452, AU120249, AI005333, BF968191, AU123605, BF339036, BG104516, BF342185, AI818341, BF341089, BF338566, BF448661, AW519118, BE897793, AI922459, AA595338, AA481702, AI573172, BF343104, AW580751, AW029232, BF338201, AA481466, BF341564, AI811324, BF340578, AA522691, AA838064, AA431924, AW960586, AU127761, BF340086, AI249784, BF737829, AI907170, BF724377, AI332914, BF724960, AA490462, AI167296, BF724935, AU146370, AW838943, AI247322, BF091112, AW571482, AI972197, AL047823, AI452419, AI913043, AI281146, AA973378, BE839067, AL047803, AI566503, AW627773, BF912663, BE839213, AI358043, AW840300, BF856591, AI536813, BF939426, AW192039, AI685213, BF912667, AW838897, BF344794, W92281, AA283179, BF673568, AA563581, BE839253, AA568563, AL040503, BE063215, AI868006, AV704904, AI370569, BE243977, AA490684, AA477377, AI468524, AA714627, AW471279, AI678831, R49217, BF838940, BE244521, AI906145, BF343096, BE836117, AI469506, BE810532, AA595306, W92141, AW057582, BF511204, AW268697, AI539663, R31060, AA477772, AA596047, BF753087, AI742615, AI270525, T11643, AA973709, N93506, BE926227, AA527536, AW169984, AI815135, AI300224, AA443710, AI249321, AW103874, R70422, AW662932, BF913493, AI075341, H27076, AI538134, AW838918, AA477882, BF912716, BE844036, BE770137, AV750559, BE844009, AL047801, AW368290, N69960, AA614578, W21318, AA975702, BF770664, AW631089, BE772925, BF917313, AL047631, U53094, R46353, BF871119, BE243637, AW608388, AW519176, BE770131, AI648417, U53081, BE772931, C00811, BF749312, AA528240, R69441, AW351478, T04974, R46444, BE843765, AA295483, M85547, BE709154, AA443526, AW608283, BF841670, AW838934, AA602219, AA077339, BF092146, BF738433, AA077291, BF912721, BF092200, AW838892, BE938581, AA853204, AA077832, BE815760, BE720190, BE844003, AI914522, AA327286, AI872571, R85073, AW662967, AI926219, AA993064, AW839839, AW748245, BF943528, AW800423, BF850312, AW175924, AI798599, BE772434, AW878667, BE927001, BE938331, BF841498, BE843958, BE938306, BE157335, BE843775, AW385891, R35420, AW361539, AW839348, BF851191, AW385903, BF087246, BE836089, AF053944, D86479, AF053943, E07353, AF043942, X80478, AC006454, and AA976886.
HOVBX78	491	101368 7	1 - 747	15 - 761	AU128231, BE272526, AU130195, BE164466, BE164464, BF085254, AW813416, AK001556, AK001751, and AX017389.
HVVAW74	492	101374 0	1 - 1076	15 - 1090	BG256269, BF530210, AL535365, BG254956, AI937808, BG255962, AA894922, BF570250, BF527816, AI826416, BF570040, BF345133, AI004246, BF761093, BG110667, AW026128, BE548730, BG107551, AA890692, BF982691, AI658655, AI802988, AI186105, AW516805,

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HSPSF84	493	101385 3	1 - 633	15 - 647	<p>AW081202, BF727086, BE361354, BE295468, BE267749, BE792824, BE513336, AV703327, AL814545, BE560144, AA701033, AL160850, BF726553, AW029525, BF106390, AL927392, AV688621, AA770666, BE695389, BE712504, BE695407, BE695426, BE695391, BE695427, BE695403, BE695420, BE712773, BE695378, BE695373, BE712334, BE712285, BE695419, BE712544, BE712220, BE695436, BE695425, BE712770, BE695432, BE695404, BE712628, BE712622, BE695409, BE695417, BE712724, BE695416, BE695415, BE695398, BE712549, BE695418, BE712547, BE712553, BE712555, BE695401, BE695422, BE712211, BE712548, BE712279, BE712502, BE695424, BE695429, BE712670, BE712324, BE712319, BE695423, BE712231, BE695402, BE695431, BE695395, BE712213, BE695364, BE695408, AA575902, BE712232, BE695428, AL742386, BE712391, BE695413, BE695375, BE712212, BE712222, BE712510, BE711558, BE712624, BE712507, AL524073, AL401286, BE712787, BE712430, BE695382, BE712160, BE711535, AW104087, BE712326, BE712414, BE712392, BE712449, BE695374, BE712322, BE711646, BE712100, BE712505, BE712421, BE712506, BE695360,</p>

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HPAMV95	494	101400 3	1 - 1393	15 - 1407	AU140401, AI738421, BG031482, AI280092, AA400097, BF850021, AW083889, AW592654, AI742697, AI016064, BE903250, BE902947, BG104467, BE892580, BE302880, BF027402, BF726476, BF081511, W49684, BE409089, AI125462, BG032552, AA862329, AA486280, AA700818, BF820549, AI122804, W49694, AA400168, R11861, W49722, AW151672, AL045993, T53335, BF847816, AA962206, T48826, AW631078, BF884099, AA627637, BF737680, AW838008, BF357901, BF883577, W49721, BF988013, BE930738, BE930747, AW888969, AL046421, BE929077, T73984, AW498792, R68647, BF996158, F12365, BF850158, BG008754, R68697, BF037441, M85579, AI073794, AL533644, F07268, T29410, T54278, R24085, R26961, M85403, R22150, T48827, C01506, F27655, BF990588, AW361499, AA364950, AA853311, AA853874, AW380283, AA369501, BG004874, T53334, AW276429, R22149, BF986774, T54386, AA702765, BE762911, BF104742, AI611200, AA323024, F37322, BE747589, BF932773, C18912, AW996016, BF765331, AW998862, T50035, BF350192, H29127, BF668920, BF928730, AW998744, AA505775, AA298422, AW946325, AW946276, BG005177, T50090, AA542979, AI826634, AA112696, BF839409, AW373948, AI370444, N31154, N29691, N29692, BF823044, N50793, AL047256, AI640179, BG030359, M32304, J05593, AF127803, M82858, X62622, U44385, U14526, M32303, S72594, S82718, E12461, L31884, AF112115, M93954, X54533, X75924, AF144764, AF188489, AF156030, AF069713, AJ010315, AF095638, S68860, U44384, U44383, U44382, U44381, and AW270911.
HOVBX22	495	101404 1	1 - 314	15 - 328	AA714453, BF843214, BG222269, AV760543, AA767963, AI241705, AI439360, AA548087, AA737154, BG000467, BF841448, AC004815, AL121653, AC005482, AL138733, AL133246,

	496	101420 4	1 - 1394	15 - 1408	AC002369, AC008392, AL022476, AC004638, AC007151, U80017, AC008537, AL445123, AC004150, AC005089, AC005255, AL161422, AL109797, AC005231, AC005184, AL109758, AF044083, AL049542, AC068799, AP001670, AC004453, AL138725, AC015550, AF168787, AL050349, AC005837, AK026079, AC005696, AC006261, AL049636, AC007954, AC004895, AC005527, AC005399, AL022322, AL049576, Z93930, AC007225, AL031277, AC008753, AP001688, AC006273, AP001691, AC004965, AC006441, AL031848, AL021808, AL132656, AC011495, AC005324, AL049709, AL117348, AL118520, AL121586, AC003982, Z83840, AC007655, AC009086, Z98044, AC009756, AC005529, AL355886, AC005015, AC006124, AC010719, AL138478, AL163285, AC002347, AC011444, AL008583, AC005071, AC006511, AC008413, and AL163201.
HPDRB63	497	101425 2	1 - 2544	15 - 2558	BG261404, AI655109, AI769371, AI673814, AI867165, AW271689, AW973626, AA488104, BF475415, AA492547, AA554212, BE905098, BF377593, BE790712, AI962754, AI703142, BE787290, AC003006, AK000077, AC010326, AC004017, AK026941, U38904, AC003682, and AB040941.
HNHGJ66	497	101425 2	1 - 2544	15 - 2558	N21235, AI371094, N27514, R73267, H42963, H42894, AW051024, AV715898, AV713456, AV733767, AV713329, AV712260, AV713333, AV725577, AV711811, AV763230, AV728404, AV763985, AV759285, AV651897, AV725441, AV725031, AV761360, AV725618, AV708786, AV725582, AV709580, AV653353, AV745940, AV762836, AV733915, AV725255, AV725321, AV726194, AV703632, AV716216, AV704144, AV708872, AV706223, AV729424, AV759241, AV652528, AV652001, AV726590, AV699269, AV727618, AV708520, AV759375, AV682278, AV728743, AV704626, AV726337, AV757269, AV764428, AV764028, AV743111, AV756617, AV704401, AV727822, AW955629, AV735331, AV756644, AV756815, AV708815, AV702671, AV707589, AV729473, AV661286, AV662242, AV660096, AV699250, AV725596, AV703168, AV661369, AV740765, AV660258, AV755566, AV728715, AV706560, AV705189, AV760852, AV699153, AV709356, AV687342, AV702787, AV705525, AV660516, AV763278, AV662268, AV702164, AV703273, AV655067, AV704590, AV746276, AV756563, AV759919, AV738231, AV753667, AV726156, AV707794, AV699156, AV707420, AV646736, AV706076, AV702071, AV707401, AV704712, AV733258, AV705684, AV712018, AV726653, AV764322, AV755608, AV702581, AV725991, AV707948, AV697350, AV704954, AV705416, AV703417, AV706407, AV734118, AV705234, AV654035, AV704757, AV705263, AV726628, AV706891, AV727017, AV703542, AV699223, AV709880, AV702851, AV707658, AV706882, AV703505, AV691615, AV727238, AV682997, AV715373, AV727126, AV729555, AV706162, AV708320, AV709596, AV701880, AV686417, AV701728, AV699199, AV645768, AV755330, AV715866, AV694871, AV729129, AV727459, AV726830, AV655901, AV703090, AV729366, AV728546, AV727337, AV702854, AV706734,

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HDPN96	498	101443 2	1 - 2722	15 - 2736		AL525604, AL525558, AL521077, AL534190, AL527154, AI185636, AI829575, AI819363, AI479350, BG253409, BG032383, AA573959, BE049344, AI100579, BF058420, AW518075, AV716817, BF337764, BE75511, BE888674, AI983473, AA921746, AW360791, AW271353, AI860888, BE465498, BG030589, AI421961, AA642888, AV716825, AW360790, BF978677, AW519021, AI095593, BF679532, AI680068, AA574099, AW805000, AI076771, BE737699, BE881977, AA169187, AI524207, AA490996, AW008875, AI831282, AW951568, AW798513, BG256677, AA682617, AV715851, AA558194, AI434226, BF127503, BF692032, AW152268, AI431953, AI082278, AI340938, BE826953, AI092486, BE826955, AA031727, BF132325, AA905898, BE826941, AI338719, N33545, AA485213, AW889898, AL527174, BG165994, AI340935, AI239765, AW172625, AA588812, BE857411, AW178332, W94276, AI799016, BF688081, AI640740, AA128052, AI754987, N29050, AI830394, N41523, BG029968, AW385964, AI128078, AI819575, W81306, AI273538, AI633672, AI373877, AW408127, W81305, N31546, BE720781, AI129664, AW362077, BE840852, N26149, AA715151, AA643990, AI265994, AA115983, N67165, AA491191, AI583113, W24362, W94278, AA850117, BE827032, AA837151, BF907676, AI205980, AI524775, AA311550, AW804650, AI081801, AV764359, AI446215, AI270774, AI750276, AA768403, BF665222, AA382682, BG012355, AA806723, BG236369, AW946064, BF908814, BF378621, AA115982, AA856759, AI381226, AI676098, AW665881, AI566454, AV760834, BG235898, AI468285, AW613194, AA160813, AI277691, BE774488, AA455666, AA385997, AW946068, BE826861, AW391497, BE826868, AA280276, AW139342, BE843017, AA356204, AA355830, D20792, AW365748, AW946013, AI306708, AW402506, AW149289, AA742652, AW803435, BE047704, AI446429, T29910, AW578719, AV737596, BF826934, AA216228, AW801462, AV762185, AI206695, BE005091, BE246775, AA484937, AW380441, AA320856, AI750277, AW582327, BE720769, AI273821, BF977172, N21529, AA169315, AI827431, AI863462, AW365793, AI888019, AA126928, AA031618, N93641, AI962272, AW795951, AI472352, AA301277, BF966683, AA471173, AW629621, AA743414, AA287732, AW967770, BE826948, AA593188, AI654153, AI870683, AI690882, AA806556, AA100165, AA312519, AW795950, H37925, BF966493, AA160842, AA252606, BF360305, AI472713, AA167103, AI444959, BF002703, R57396, M63838, AF208043, AP002534, AB045363, AC006944, AF086545, AC005992, AB045364, S75421, S75429, S75415, AB045362, S75417, S75419, S75433, S75431, S75423, S75424, AF106657, A77033, AF07035, AF026816, AL133557, I89947, AK025435, AL117587, X99971, AL023657, AB050410, AF119908, AK026894, A65340, AF116631, AL080234, U95114, A86558, AJ299431, AL162004, AB048881, U70981,

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HPCTH41	499	101448 5	1 - 1580	15 - 1594	<p>AL534018, AI608955, AL533867, AL533937, BF195713, BE889941, BF968646, BG035915, BG163383, BE896629, BG030771, BE275159, BE548015, BF031407, AL038452, AV723354, BE890109, BE897450, BE876999, BG257446, BG117242, BE348344, BF965349, BG036194, AL038834, AV695669, AL038833, AW675828, AA775843, BF698072, AA133307, AV691956, BE794982, BG259283, BE883914, BF437152, BE267654, AL533936, AA527167, AA993699, AW511438, BG180250, BE549797, AW273070, BE884294, AA496105, AI090212, BE541569, AI023995, AI028519, AA534614, BE889533, BG059794, BG025375, BF106258, AA243516, BE269547, AW516807, AI677969, BE898115, BE967645, AW069489, BG249079, AA987229, AW300257, BG256131, AI094922, AI394263, AW474045, BF195539, AW074075, AI802136, AW104727, BF938958, AI860219, AI149730, AA704746, D51000, AW195032, AL533001, BE888200, AW008034, AI917003, AA496106, AL038451, AA214222, AI356769, AA136981, AI696834, AI446650, AA020916, BE350251, AA662977, BE645707, N99138, BF247377, AA776483, AW239553, AV708007, AW591897, AA643169, AW673505,</p>

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HCOPQ33	501	101473 0	1 - 2431	15 - 2445	<p>AI382146, AI348085, AV724179, AI670844, BG121803, AA778708, AW994011, AA576678, AA628091, BG027051, BE348559, AW005563, AI744134, AI934455, AW080366, AW303312, W46414, BE925834, AW360836, AA527295, AW130000, AI676052, AI970798, BE818697, BG056521, AA420456, AI870355, BE673868, AI379929, AI076205, BF063542, BF057010, AI299871, W95308, BF061770, AW005638, AA420856, AW151188, AI380233, AI681309, AW183687, AI498936, BF805203, AA535677, AI364948, AI538944, BF344175, BE813569, AW276611, AW072243, AW087477, AW381053, AA913619, AW003292, AA400464, AV681764, AA912521, AA778589, AA884178, H90010, BF763632, AA975310, AI453423, AI572187, AA884334, BE645760, AV660830, Z35575, AA657762, AA331097, BF341434, AW193094, H90100, BE004867, BE003539, BE927533, BF762288, AI281304, AV709786, BF093386, AA469215, AA983635, AV725548, AA469143, AI985948, BF931023, AI014655, AW075227, BF439017, AI467955, AA400739, AW994272, AW629195, AI934198, AI968800, AW951463, BE833871, BE833897, N92393, AW897800, AW020030, AW374875, H88219, AA770266, AA333065, AA375477, H89609, AA322324, W94793, AI810275, AA622877, C15879, AW235096, H88220, AW360802, BF925976, H89373, BE868139, N80276, AA385905, BE004865, AW888412, AV750371, AI270170, AA090808, AW293597, BF858923,</p>

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HOER36	502	101475 4	1 - 1170	15 - 1184		AI830209, BE892339, AA050177, AW090080, AW959783, AW959780, AA639200, AI126271, AA858013, AA046424, AA947131, AA302895, BE171412, AW959774, AA302900, AA661502, N68025, AA302899, AW149294, AA302894, AW804757, AA970770, and AC005225.
HLWDZ66	503	101484 9	1 - 682	15 - 696		AV649008, BE874350, AA446693, AA449142, Z45275, AU132020, BE869339, AV648920, AW992782, AL138309, AV648696, AW607264, BF241714, BF959303, AU132889, AB011100, and AC03513.
HOER36	504	101486 9	1 - 3039	15 - 3053		AV713485, BG036534, BG170867, AI114598, AI111173, BG036983, BE150520, BE150675, AW961549, BF001502, AW966635, BF058522, AI111172, BG107400, BF683214, BE182687, BF513307, BF513304, BE348776, BF211600, AI686319, BF434037, AW009260, AV751640, BF437703, AW182505, BF434712, BF448430, AI638772, BE706456, AA570410, AW178382, AI138925, W84417, AI674263, BF184557, BE706455, AI352522, BE045375, AI202369, AI814344, AI141165, AI129867, AA913359, BE714168, AW615181, W38032, BF667748, BE674831, AI499784, AW237447, AW615373, AA291444, AI148057, BE348487, AA854179, BE706450, AI077329, AI215899, BF817382, AI275129, AW408721, AI301615, AW014525, BF431546, AI246490, AI143146, AW020055, AW149486, AI479250, AA772266, C14273, AI924398, AI719548, AW131580, AA120892, AA643857, AI298759, BE676037, AI191426, AW178336, AW514636, AW150733, AI041121, AI206905, BF967845, BF955169, BF693178, AI445939, AA446925, W67115, AI478785, AW165974, AI499669, N31994, AW390141, AW418759, AI498926, AI970714, AW968513, AW337533, AI660155, AI363053, AA461221, AI095282, AA779601, AA478839, AI304699, AA992491, AA024881, N63209, AA505701, AI090759, AI913992, AI766836, AI076142, N30241, AW380390, AA884384, BE706402, AL045996, AI190727, AA635512, AW025253, AI654598, AI830690, AA854125, AA227639, AI094000, AI762540, AI863564, AA421630, AA554337, AI354541, N31668, AA032235, AA443348, AW380690, AI470075, AI418779, H18718, AI476471, AA889499, AI435164, AW341930, W38992, AI268787, N32541, AI660523, BF197310, AW439788, AA805244, AA024841, T05966, BE219831, AW057869, BF109078, AA024760, N57135, AI147635, W67116, AA316131, AA160223, AA483817, AA747030, BF057333, AA680140, AA614781, AW072149, AI521097, AA150539, T65551, BF749204, AA954811, N98640, AA460918, AI122872, BF057345, AA906065, AA970380, AI000154, AV724982, AA737575, T65618, BE327373, R83612, AA446007, AW418748, W67360, BF058074, AA227491, R83759, AA424865, BE706452, AV701935, AA877727, AW360967, AA024759, AI379985, AA512913, AI302491, AA906988, AA132381, N29103, W79433, AA625948, BE714160, AA621021, H27412, H09870, H82388, BG142122, BF108978, AI306648, H98146, H82361, Z45598,

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HE8OX75	505	101501 0	1 - 1021	15 - 1035	BF508570, BE644977, AV721684, BE856604, BG028865, A1570575, A1744298, W49489, A1693612, BE326589, BE222091, A1916606, BE218632, A1635636, A1928148, A1765683, AW961248, AA970114, BF433076, BE670991, AA702087, A1077996, A1638631, H40653, A1078395, AA846631, A1039434, AA233302, AW052158, A1702147, A1637587, AA932630, A1799774, H27897, H08753, AA327485, A1470586, T15460, AA054083, AL036382, AW276842, AV763971, BE047069, A1963720, A1633390, BF668217, BF942454, A1061334, AL046409, AV740801, A1708009, AA491814, AA623002, AW082108, AV763255, AA526979, AV764307, A1051816, AA581903, A1814735, AV761786, AV762395, AV762111, A1356878, AW833862, AV735370, A1273968, AV759274, BG059568, AW575742, A1344844, AL041690, AW979031, AW029038, AW193265, AV762826, BG231262, AW439558, AA578861, AA610491, A1783494, A1350211, BE677379, A1355206, A1284640, A1613280, BF887977, A1374809, BE156019, A1281881, AL042420, BF942059, BF942223, AW088846, A1064952, AW662543, AW083364, AW083402, A1431303, AW473163, BF918590, A1679782, A1345654, AW276827, AA525898, BF216716, A1801600, AV728928, AW517377, AA632994, AW972628, AW504669, A1634384, AL119691, BE350475, AW303876, AV703682, F36273, AW189303, AV760937, AV763354, BF883012, A1619997, AA806796, AV683151, A1873916, BF915247, AV734666, A1334443, A1368745, BF939954, AA469451, BF942311, AV731764, AV763633, AV699480, A1305766, BF919090, AW438643, AW088202, A1807650, AV762139, BE046438, A1610159, AW162049, A1239488, A1929531, BF854876, AW467735, BF942068, A1345681, A1141675, A1345675, A1085719, AA714453, AA468131, A1886629, BF915722, BF475381, AA569471, AV760624, AW082492, AA503258, A1669453, A1688846, AW104748, AV737044, A1792287, AW303196, BF840676, AA535661, AW274349, A1890570, A1251436, A1796627, BF940837, AV700487, A1471481, AA493471, A1962050, A1375710, AW513362, AV719316, BE206443, A1611990, AV710066, A1521679, AA225246, A1053672, BE049095, A1889781, AW193432, BG171096, A1860020, AW301350, AA219129, BE139267, AA947364, A1270117, AL040130, A1890928, AV761362, BF849758, AV761489, AV760774, BF962283,

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HVASI06	506	101502	1 - 2920	15 - 2934	<p>AU134143, BE870387, BF001941, BE710214, BG260588, AW963406, AI961474, AW382909,</p>

		4			<p>AI923923, AI990751, AI813884, AA843844, BE219683, AI301132, AI963119, AI935247, AI690278, BF034743, AI740608, AU155243, AV698922, AW361050, AI264633, AW861027, AV694407, AW571756, BF036889, AW196974, AW274440, AW237561, AW263591, AI566325, BF477676, AI890112, AI985954, BE897725, AI587310, AI986332, AI968319, AI972620, AI675856, AI033049, AI554274, AI922853, AI738691, AV687198, AI342974, AW662263, AW963780, AI024422, BE645280, AA947925, AI138813, AI867016, N25349, AW029458, AW276074, AW026634, BE567485, AA505889, AW007315, AA862214, AA906022, AI797947, AA484620, AW365086, BF879746, AW963781, AI888735, BF588737, AI356599, BF149394, N31464, BF334228, AI688404, AA307247, BF438285, AW382877, AA491776, AA583862, AI000815, AA372018, AI289801, AW070462, AA577288, BE091511, AA723582, BF832097, H95976, BF062521, BF738014, BE711625, AA223227, BE000165, AA548574, AA594055, AA330741, BE074780, AI686185, AW856098, AV685864, AW014082, H98886, R34321, BE645893, AA301143, BE465958, AI206620, AW363149, AI524791, AI868801, AW273907, BF832849, AI468354, AI689913, AI799367, AV690524, R34204, BE694170, AA573469, AA948211, AI673243, T24686, AW392026, AW391990, BE708454, AW373130, AA773534, H95975, BE081095, BE933477, R35237, AI806231, BF816619, AI367468, BE541503, BE718010, BF059308, AK001805, and AK000178.</p>
HDPXP07	507	101505 9	1 - 2230	15 - 2244	<p>AU143256, BF155736, AV715833, AI826460, AI814455, AI884890, AA769310, BE934114, AW966220, BF790844, AU152276, BF033751, BF576977, AU153650, AW166211, AI864665, BF081591, AU160375, AI084922, AW292992, AA779447, AA829630, AA025234, AI823888, AW418525, AI452519, AI360060, AI684798, AI655985, BE961037, AA026021, BF433538, AA026295, AA766554, AW770982, BF208277, AI276257, AA394033, N64369, AA825817, AA393837, AA435643, BF361706, AA639510, BF217285, BF672893, D60974, AA286843, AI689818, AA251918, AA807639, AA435651, AI246329, AA251762, AW772604, D25894, BG009135, BF736545, AA286844, BE967276, R22470, AA665974, AI570715, BE180751, AI702262, AA026294, BE935513, AW631147, BE812849, AI685029, H26865, R22420, AI565266, BF827750, AA090746, AA337356, T24552, N41739, BE170545, AW890651, AA169886, AW795854, BE935255, BG012432, AV692600, AV697880, AK023226, AY007102, and AK023074.</p>
HE2KH02	508	101509 3	1 - 3564	15 - 3578	<p>AL527105, AU132761, AU116991, AU137245, AV728472, AU137316, AU137381, AU139297, BG261206, AU136360, AU139962, BE549369, AA081939, AI677834, AU157422, AU135906, AI920927, BE785633, AA454989, AI907113, AW664875, BF591622, BE042932, AU154230, AA454990, AI378574, AI936349, AU138016, BF447224, BF337029, AI431805, AW360838, N95598, BF107069, BF084965, AI911175, BF110906, AI221497, AI379409, BE501519, AI424080, Z98481, BF084957, AA236458, AA905045, BF575997, AA553994, AU157090, BE894931, BE891457, AI032765, AI417372, AU156358, AU157150, AA236564, BE568360, AI697933, AI818384, Z98482, AI921677, BF888050, AA445961, AI082210,</p>

					W95230, AU158241, AI091076, AA506175, AA430015, AI421265, AI298191, AA234597, AA446607, AU157621, AI184628, AW150103, AI968555, AI160253, BF763895, BE787845, AI922575, AA127941, AI698713, AW631464, AA082709, BF996242, AU156254, AA349343, AI082630, AI432406, AI359038, BF107137, AA679150, AW665609, H75696, AI290754, AA974762, AI081905, N54280, AI167548, W92605, BE867569, AW953100, BF754315, AA234077, AI796414, Z43674, AA349342, BE763226, AU156673, AA326858, AI264875, AA985275, AI338482, H09246, R10251, H89051, AA322020, F07511, R35580, Z39729, BE938777, H88968, AI834229, AA329190, AW205463, AA300737, H90664, Z42072, AA127975, AW900790, BE087669, W28679, AW845211, F01609, R97673, AA357051, T32922, R25767, BE551259, BE046333, T98859, AA446736, F03743, AA322004, F05351, AW190294, AW360832, T99455, AW809871, BE842258, AW809929, AW809987, AW810059, AA005304, AW809988, AW809966, AW609106, AA969489, BE842157, BE842133, BE842285, BE842284, AW809978, AW809872, BE842172, T27300, AL137756, AB023169, AL035448, and AK024349.
HSPS160	509	101513 3	1 - 2217	15 - 2231	AA631938, AW271824, AI793342, AI582327, AI284346, AA694067, AA285037, AI040042, AI683785, AW504437, AA282330, H11593, AI800992, AI139177, AI090037, AI804488, AI040087, H11679, AI279357, AI264909, AA282229, AI381465, AI199387, AA908723, F09528, F11880, AI240419, AI784560, AW865862, AA501653, AI243707, AI868576, AW576309, F11200, F08866, AA282817, AA278915, AI537020, AI801505, BE138594, AW591276, AW505253, BF769368, AV699840, BE968744, AW069227, AW026305, BE077105, AI421950, AW327649, AI419337, AV738383, AA857812, AW023111, AI310670, AV700192, AW338035, AI797998, AW338021, AI890324, AV718506, AW438542, AI361090, AW084445, BE244178, AV763026, AV763058, AA515728, AI335387, AA282951, AW514662, AV730986, AI538852, AI187148, AW327624, AV756491, AA873573, AA916430, H73561, AI310787, BF839844, BF528591, AA173166, BG029528, AV695953, AA410788, AA719073, BG036370, AI369580, AI821420, AU159329, AA501461, AI114534, AW328202, BF530611, BE893315, AA568204, AA570740, AA483606, AA526542, AI347603, AW500127, AW088656, AA614139, AW978041, AI090377, AA226584, AV755512, AI279417, AW973992, AA664604, AI267356, AI349130, AW467536, AW969743, BF763954, AI889579, AU159185, AI634187, AI267450, AA807704, AA773463, AA634837, AW068596, BE084668, AI491765, AI871691, AI380617, AC004644, AC004494, AC008403, AC004815, AC005399, AC004216, AC007597, AL031311, AL121890, AF111168, AK001397, AC012309, AC008407, AL034417, AC025447, AP001727, AC005696, AL109843, AC004181, AL137073, AC023344, AC005666, AL035659, AL035662, AC005200, AL079303, AL356299, Y14768, AC020908, AL035413, AL022163, AC008745, AC005095, AL049839, AL034429, AL096791, AL031300, AC005300, AL132653, AC010163, AL096702, AP001747, AC006388, AB000876, AC006487, AL355530, AF088219, AC005921, AC006023, AP000302, AF111167, AC010422, AL118520,

					<p>AP000114, AP000046, AC007216, AP001717, AC007207, AC010326, AP001412, AC007371, AL162724, AF241728, AC005225, AL136504, AC004675, AC009364, AC008969, AC020904, AL121752, AF001548, AF067844, AL109921, AL049631, AC009087, AL450226, AP000152, AL136135, AL391839, AC004383, AL109825, AL033397, AP001208, AC006511, AP000505, AC007546, Z98051, AL049576, Z83826, AF168787, AC007011, Z49258, AL158824, AC011494, AC026881, AL109614, AL136295, AC005730, AB000882, AL137026, AC006077, AL096701, AL121758, AC004840, AL133344, Z95331, AC005324, AL117694, AC011442, AL133320, AC007242, AC058791, AC006038, AL359763, AC004832, AC004491, AC006946, AC005522, AC005995, AC005015, AL390028, AC005632, U95742, AL136137, AC018663, AR036572, U91328, AL356020, AL033527, AL133519, AL450224, AC024154, AL136418, AC020750, AL163213, AL389886, AC006160, AC018764, AC010271, AC018738, AL133405, AC004448, AP000547, AC005815, AL137009, AB026898, AF241727, AC024563, AC020916, AF031078, AD000685, AC017004, U85195, AC004797, AC006530, AC008760, AC008649, AL121712, AL031652, AF030876, AL022313, AL136300, AL354993, AC008699, AC005972, AC002554, AE000658, AC011510, AC006111, AB038161, AC007956, AP001052, AC005566, AC004966, AL049843, AL137039, AC008044, AC004934, AL033525, AB003151, AL354816, AL109743, Z98304, AJ003147, AC026691, AL031727, AL008732, AL158823, AL133551, AL137012, AL096870, AC006349, AC008392, AC006241, AL137060, AF003626, AL031848, AC022407, AC083863, AL021939, AC003665, AC004898, AL035361, AC003962, AL117334, AL008718, AL354720, Z83844, AP001752, AP001670, AJ277546, AL096763, AL139396, AC005751, AC009155, AF053356, AL109797, AC005040, AC008543, AL117382, AC007686, AC010527, AC005412, AC003957, AL049709, AC020552, AC018639, AL158830, AD001527, AC011475, AC008738, AF312915, AL133229, AL049868, AC005231, AP000555, AC011465, AL353643, AC007404, AL031905, AC005670, AL031733, AL035407, AC003010, AC005907, AC005952, AP001728, AF104455, AC005572, and N56480.</p>
HOCOC26	510	101514 3	1 - 1279	15 - 1293	<p>BF966811, AI139894, BG118263, BF195527, BF304431, BE313788, BE890485, BE894627, BE314751, BF966263, BF432361, BE735161, AA883980, BF663221, BG106026, AW961104, BG106361, N36835, BF593985, BE778904, BF594016, AL523105, BE314195, W57556, BE384447, AW516745, AA651722, BE464689, BE206345, BE385654, BE903910, BE314758, AA233222, AA081411, AA576915, N43012, AI027450, AA813248, AA434399, AI685850, AI336025, AA434496, AI161302, AI085313, AA632104, AI084094, N30353, W04936, N57768, AI200803, AI333484, N55453, AA422072, BE019744, AA826596, AI084015, AI341871, W80670, AA233146, AI378563, N33349, N62846, AI339805, N34024, AW272713, AI242276, AA554001, AI459956, AI200074, AA635564, AA927412, AA814024, AA632073, AA628055, AA482362, W80669, AA251750, N46055, AA081410, N47028, AA719788, BF436220, N48163, Z45692, N63935, AI032947, Z41359, AI364376, T32008, R08771, AA922239, AI149973, W46253, AI222458, AI674237, BF364286, AA829780, N59733,</p>

	511	101520 4	1 - 1091	15 - 1105	N7753, AW768948, T91056, AA838257, AI056152, N76825, AA375116, N53309, AI632878, AW369966, W88648, AW722692, AW753144, AW166070, AI216252, R08770, AA343770, AW062297, N70614, AW874454, AI749296, N46938, BE842815, AW166050, W88892, R10337, N98262, H63292, AA887202, AA485043, AA918183, BF213866, D58354, T85922, AA902514, and AL122003.
HHEDC05	511	101520 4	1 - 1091	15 - 1105	BF798056, BE898210, BG168649, BE778156, and BG114611.
HODES86	512	101530 4	1 - 1226	15 - 1240	AA063018, AA063458, BE780703, AI444822, AW517939, R02632, AA838190, AI580250, BE043307, AA776646, AC005899, AC007956, AL162615, AC005666, U95742, AC007216, AL138836, AC021876, U07563, AL034377, AC007308, AL021397, AL133448, AC007226, U91323, AC022073, AC006958, AC005529, AC011452, AL121929, AC010422, AP000033, AP000269, AL353807, AC003029, AL357752, AL450226, AP000103, AL133246, AL137039, AC003043, AC004644, AC004655, AC005399, AL050307, AB023049, AC002455, AC005500, U68030, AL031295, U95739, AC005324, AL450224, AC005015, AP001670, AL121675, AC004812, AC010150, AC006312, AC005594, AC004000, AC003070, AL032821, AC006254, AC004021, AC012558, AC008753, AC002470, AC002565, AL118506, AL354864, AL049840, AC008264, AC011495, and AA069510.
HOPJU57	513	101532 4	1 - 1631	15 - 1645	AI801386, AI130729, AI951354, AI346419, AA974428, AI143115, AW162717, AI300949, AI148649, BF569612, AW054866, BF570440, AI206813, AI185787, BE615293, BE410344, AI951681, BF569961, BF685656, AI951257, AI189212, AI203857, AI884988, BE735464, AI268318, N30165, AA724367, AI340361, AW161821, BE388759, AA176575, BE294378, AW083817, AI332853, AI962867, AW148547, AA846546, AW516896, BG036497, BF685742, AW664467, AI097222, AW263822, BE733969, AI193863, AW085571, AW029466, BE877593, AA903789, AV721231, BF058882, AI200195, BE736206, AA719226, AI186165, AI185135, BF569699, AA180753, BF337640, AA721964, AI921807, AA595181, AA718926, AI140283, AI476531, AA719628, BF671968, AI093516, AI130702, AW874672, BE540302, BE314325, AA744704, AA836082, AA708878, AI612744, AI093408, AI139691, BF125815, BE901001, AI127942, AW157808, BE512823, AA639777, AI141125, W84441, AI074425, AI126845, AI148609, AA993729, AI027734, AI283187, AI148639, AW514401, AW960583, AW151167, AI088686, AA740789, AW613465, AA411261, AA707918, BF341253, BF337384, BE794317, W74453, BF342200, AA503552, AA225290, AA663414, AI985822, AA521379, BF968286, AA479563, AA778259, BF791194, AI879480, AI088256, AA757493, BF675006, AI041962, AI161406, W80350, BF973456, AA411186, F30500, AI143021, AA758705, AI970716, AI190498, AI355378, AI459406, AA062856, N20564, W52133, AI139997, W78166, W45702, BE934387, W60579, AI192165, AA176922, AV748277, BF673324, AA846717, AA651723, AA708138, H18117, W19268, BE796730, AA628056, AI888013, AI074834, AA577396, AI360683, AA393221, H20010, AA180945, AA632093, N35390,

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HSXCO55	515	101536 0	1 - 2745	15 - 2759		AL527889, AL527888, BF343138, AL525819, BE781680, BG115556, BE732112, AL530486, AU122091, BE884555, AW249027, BE887877, AA702154, BE791388, AA393120, AA195059, AW187982, AA195007, BE787037, BF887726, AA070569, BF881875, BF763234, AW379952, W27989, AA463417, AA463415, D58463, R43806, BE729116, AW379954, R13030, AW000977, BF026502, AW062942, AI334193, BF026989, T66403, AA345992, BE728080, Z44042, BF929103, AA463416, AW848503, AL119081, BF995780, AI886057, BF508517, R97564, BF096090, AA011352, W01495, H52292, AW175839, F34844, AW611799, AV749885, AI872514, AI022690, AA703171, T88769, AA613181, AW976173, W67739, AA412730, T75524, BF090941, BF725485, T33712, AW957599, AW954617, BF096089, AW294156, AI902810, AI902811, AI902809, R83640, F06662, BE832422, R19646, T75487, BF763254, AI703131, BE551051, AV720683, AK022332, and AI021918.
HLWDB78	516	101543 0	1 - 673	15 - 687		BF796831, BF210218, BF701279, AA287742, BF541219, BF666412, AU128625, AU126697, BE545375, AA641789, T79066, R09452, BF351826, AI765200, AW998878, AW001630, R24433, AA278916, BF091528, AK001322, and AK022939.
HPCQU04	517	101556 3	1 - 2931	15 - 2945		BE900483, BE900430, BE793781, BE798566, AI188793, BF792027, BG259644, AW968896, AW005670, BE727050, AU132150, BE903813, AV717509, BE794911, BF440058, BE397846, BG112908, BF312588, BF337644, BG169372, AU117650, BE885591, AU136686, BF344095, AI948456, AW007242, AW974579, AW512338, BE899401, BG258649, BF971664, BF204385, AI824036, BF029478, AW733016, BE616290, AW512086, BG166646, BF305249, BE292944, BF337814, BF205251, AI680132, AW467417, BE275029, BF666066, BE265405, AI201616, BG113759, AI858016, BF666327, BE278101, AI862344, AI768091, AI870673, BF444957, BG180941, BF665980, BF693760, BF438522, AA411615, AW574525, BE748032, BF206162, BG056483, AV756764, BF667931, AA613845, BE927946, BF305222, BF037517, AI174529, AI880678, AI017414, AI688226, AI419240, AW072354, BF220122, BF306174, AW245803, BE894643, AA505693, BF686381, AI349534, BE327569, BE280363, AI629015, AI097281, BF312243, AA046475, BE280085, AI096462, AA205538, AA830698, BG256671, BE617374, AA577517, AA827418, BG110031, AA988140, AI806869, AW401445, AW069828, BF856214, BF849224, AI002518, BF204740, BF309846, BE889784, BE262854, BF968028, AI085160, BF306020, BE298752, AI306461, AI088751, BF683516, AA488767, BG256384,

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HDPAT52	518	101557 4	1 - 1374	15 - 1388	AL046886, BE279307, BE019568, BE391135, AA664125, BG177319, BE384305, BE390284, AW501171, BE889171, BE273776, AW499614, AW500833, BF346622, BE410770, AI371317, AA676873, AI434698, AV703394, BF922390, AA807225, AA721751, AI536606, AA760945, BE163519, AW976065, AI913150, AW747905, BF994170, T90581, BF755836, BF904131, BF084780, BE389227, BG108346, BF828643, AA152296, BG009400, BE778885, D61199, AI378039, BE075569, BF308243, AF056191, AC007050, AC004033, U80745, AL031670, AC005500, AR009990, and AF223678.
HAOSL81	519	101562 0	1 - 2007	15 - 2021	AL521031, AL519782, AL537771, AL532982, BF508854, AL519743, AW957179, BF969852, BE795625, AL526699, BF340693, BE792891, BF238333, BG033672, BG029834, BG104854, BE883832, BE260201, AL521030, BE778826, BE313919, BF115935, BE260258, BE313721,

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HBJHU33	527	101705 1	1 - 1625	15 - 1639	AL514228, BE731218, AL529655, AL529654, BE797337, AL514227, BE794724, BG110127, BF966631, BE893282, BE742915, BE890123, AW953655, AL528742, AU133581, BE619851, BE881083, AV705155, BE545070, BE908044, BE280723, BE866981, BE905326, BE315420, BG250751, AW361850, BG033740, AW408348, BF966374, AI133679, BE536852, BF694020, BG107184, BG123009, AV646950, AW863803, AW574744, BE536691, BE535711, AW361878, AA205799, BF033183, BE855740, AV752620, AW361703, BE619538, AW235125, BE779606, AV653849, AI953870, AV650365, N51687, AI679909, AI683840, AI860985, AI935673, BF732945, AW361713, AW149707, AI690828, AI613283, AI458820, BF947707, AW293561, BF674450, AA486511, AU154842, AI954922, AI313137, BF986327, AI673750, AI679402, AA424014, AV718741, AA725579, AA099053, BE395738, BE222658,

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HCOQZ88	528	101722 7	1 - 2468	15 - 2482	BF528706, BF511685, AW009394, BG105519, BG254081, AW960390, BF525928, AW007097, AW188653, AA621896, AU158667, AI308853, BF691095, BE907379, BG023998, AA024539, AW629142, H92979, W68163, AW182327, BE501512, AI832718, AI823734, AI770031, BF215995, AA449738, AI096535, AI745277, AA863106, AI281067, AA584416, AU154308, BF086852, AA308212, AI359520, BF059115, W38383, AI139547, BG031495, AW956354, AA761360, AI751095, W73695, BE927188, AA918091, AI419956, AI799464, AW665559, W95446, AI309249, AA583148, AA428071, AA021101, BF083221, AI026784, AI539181, AI039026, AI378040, BE710102, AW072311, AA676645, BE464465, AA593067, AA039665, W79256, W73924, AI079839, AW269759, AI805856, AA922123, AI473815, AI291953, AI829735, AI056216, AW272430, W94907, AI206193, N59411, AA025309, AA427955, W31744, AA927514, H68449, AA705665, AI932529, W95397, AA833519, BF763329, AI911828, AI217371, AI276807, H68769, BF241187, AI699445, W26803, AI471303, H94817, AI679026, AW088135, AA431304, W28691, BE927265, AU152091, AI453671, W88572, AA448595, W04520, BF763314, N46969, BF940469, W60394, AI420105, H74186, AA913911, AA913681, AI799093, N34049, AA133712, BE774604, H94831,

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HNTSV21	529	101737 4	1 - 1245	15 - 1259	AL134400, AA654357, AL659394, AL686014, AW410038, AL093582, AA652206, AW273447, AU146982, AL514659, AL963016, AL042174, AW965846, AW574750, AA654359, AA703770, AL517118, BE542873, AA182023, AL18522, AW072960, AA884895, AL077955, AA209362, AL515439, AW887824, BE539538, AU154982, N52207, AW157715, AA187876, BF000792, AU160449, AL915409, AA854654, AA934909, AA887240, AU159619, T57068, BE299580, AL518518, BF035823, AU158972, AU147868, AA464944, AA651945, AA148257, AA828521, AA190869, AA600031, AL088602, AU146486, AL245918, AA515504, W68695, AL003584, BF848727, BE299486, AU151912, AA932098, W68788, AA810464, AA831254, AA204836, AL073864, BF062816, AA630734, W37334, W72396, AA877763, AL239507, T57701, BF368824, AW519295, N93945, H28712, AL933713, BE617824, AL139316, AL299318, AL538396, AA909936, BG261335, AA806474, BF154399, AA169168, AA622934, W37369, AA876537, H39737, AL516437, W37117, BF764209, AL517155, AA541371, W65445, BF803857, W65444, H64967, C75187, R42343, AL620320, AW013842, W02224, C17924, W37370, BF764242, AL567004, BG106798, AW182900, BE618766, H66514, T06029, C18528, BF447193, H26685, BE645007, AA148256, BF812783, BF059296, AA709429, BE877546, BF958849, M78962, AA669602, AW581222, BE882709, N94420, AA357908, W26586, BF913671, F18903, T85737, BE858416, N69743, AV750626, AV736810, C17428, AL701304, BE619606, AL675840, AA486988, R11416, W40444, BF032212, AA557475, D53287, BF378126, AA486987, D58716, AW572367, C18873, F29285, AW673620, AL151194, AW983548, BG057603, BF795208, C01858, BF957266, AL475992, D79148, AA565388, AL720256, AV752041, BE181609, AL299319, AW057940, C18872, BE700845, AL049861, BF941688, AA968944, AA844560, BG105512, AA010945, BE717982, BF958883, AW513179,

HNORH33	530	101746 1	1 - 2630	15 - 2644	<p>BF990060, BE730773, AA055570, BF131754, TI0864, AV749388, AA297649, AA883690, AI095286, BF963540, AA835437, D49914, X91257, AF297553, and M88136.</p> <p>AU118050, AU124650, AI804495, AL515217, BG254700, BF793291, AU139800, BF221530, BE614349, AU137694, AI435930, AI635319, AI927302, BG036151, BE780429, BE883539, BE783242, AI802380, BE222029, BF670327, BF035253, AI189345, BF690809, BF701218, AW138746, AW571851, AV758758, AW058381, AI859728, BF832574, BF832584, AW075704, AI755119, AA418590, BF981254, BF793595, AI984163, AU151135, BE780049, BF114722, AI961692, AA452161, BE779478, AU149020, AA418574, BF103811, AI004693, AU153522, AI351372, AW500112, AW261890, AW410234, AW136841, AI634166, AI631474, AA827216, AU128765, AA452392, BE966378, AU153938, BE349597, AI671386, AI380332, AI739557, BG248885, AI047192, AI378011, AI094228, AA621081, W39674, AA993180, AI244135, AA447738, AA707268, AI568172, AA448963, BF812945, W27396, AW139700, AW341254, AU156536, AI610449, AA680213, AV692709, AA074826, BE613637, BF379914, AA926753, AW369696, AA455981, H41985, AW902483, T65313, AI375902, AI290502, W27884, W44815, AI932816, AW902476, F09884, AA903638, AA112140, AW902481, AW902478, AL515218, AW955309, AW953636, AW902479, BE644837, AI638081, AW770216, AW902461, R24937, AW902455, AW235766, AW006582, AW902734, H66548, BF094361, BF239823, AW902736, AW902737, AW902730, R52606, BF379905, AW902720, AI522293, AW902469, AW902729, AA453670, AI581037, AA215671, F06886, AW902703, F06870, AA354203, F12257, BF379886, AW902732, W23553, C17550, AA449690, AW467583, AI694910, AA732285, BG252934, AW902470, BF001525, AA215779, F06869, AI872765, T66073, R52549, D78825, AA188898, AW063992, R45200, C03668, H66132, BF930789, AV738729, AI829792, N55752, AW902721, BG171769, AU138715, AW015422, AW198067, AA355665, BE929397, AA235264, AI910343, AA618016, AL121142, BE391223, BG120678, BE720589, BE939651, AI093996, AA358989, BE384185, BE882107, AA306135, BE408532, BF904404, BF376408, BG026722, AI904692, AU148473, AW385823, BF326100, BF085286, BG176691, AL036570, AW770803, AV731531, AA639867, BF000181, BF741199, AI982808, BE389430, BF957940, BE388275, N44960, AI193855, AI132637, AF070656, AF090430, AK001259, AL162272, AJ295622, AC010518, AJ295621, AP000535, AP000536, AJ295618, AJ295620, and AJ295619.</p>
HUFEF35	531	101756 5	1 - 3361	15 - 3375	<p>AUI25622, AU124809, AU119197, AU120605, AU131784, AU130566, AUI25444, BE796658, AU139843, AL533184, AIS82238, AU135468, AU124323, AUI25845, AUI25084, AU124685, AU118785, AU124233, AU135742, BE898995, BE899194, AU137120, BE741762, AU138659, AU138317, BE747802, BE747369, BE613292, AU138431, AU139369, AUI139849, AU137367, BE796097, BE869682, AW074187, AU133161, BE741675, AA669462, AA886707, BG250343, BE621596, AU134160, AU136435, BG250404, BGI70946, AU117879, AUI136553, AUI139661, AU134907, AU133516, BF343126, AUI136570, AUI27766, AUI28322, AI917911,</p>

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HJPCG39	532	101769 4	1 - 716	15 - 730	

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HMVDD81	537	101808 0	1 - 1431	15 - 1445	AI188279, BF982051, AW968539, BF112083, BE540598, W07118, AU123076, AA843407, BF574921, AI097335, AI201880, AI742837, AI539345, AI142307, AA570035, AI391562, AV757431, BE669685, BE958108, AA443227, AI367431, AI148021, AA578894, AA811212, AA255682, AA262594, BF475794, AI085416, AI819361, AA493141, AV757735, AV758388, AI148678, AI634525, AA443189, AI244745, AI668949, BF986084, AA527636, AA327805, T61116, BE301362, AI093951, AA465621, N77955, AA455241, T48329, BE183133, BE535556, AW732888, BE567198, AI769272, AI783690, BF131073, AI825568, AV738966, BG031168, AA129447, AW166794, AA282430, BF154836, AI468825, AA770313, T48328, AI474745, AA133846, AI956092, AI540687, N56553, AA096262, T61230, AA095499, AA089548, AW028104, AX048069, AF161477, AL031133, and AK001156.
HVVDH50	538	101822 6	1 - 2331	15 - 2345	AL521726, AL521996, AU123746, AL521995, AI609202, AU117000, BF974185, BF527407, AL048042, AI807456, AI951181, AI218661, AI799636, AU125082, AA554623, BG179365, BF975404, BF972419, BE733203, BF981524, BG179070, BG255004, BE868042, BF339051, BG036217, BG252081, BF339341, BG255011, BG178332, AI676184, BE621953, BG032707, AI635952, BG119610, BF971762, BG169134, BG250093, AW950204, AA907151, BE049474, BE272619, BG256163, AI905222, AI921071, AL138249, AI923213, AW732273, AI248348, BF127623, BF836270, BF698110, BE295255, AA565395, BF837991, BF345537, BE390767, AA654451, AI808854, AI337977, BE897041, BF525931, AA433931, BF724176, BG164450, AI025276, BF827230, AA430586, AA868692, AI055856, AI571884, AA434234, BE871447, BE785049, AI628309, AI193144, AI446480, AU122957, AI027512, AI890381, BF818545, AI338177, BE869320, AA203693, AA477057, AA434320, AI128008, AW401597, BG059688, AA948036, BE042674, AA772594, AA101156, AA311960, BE697381, AA074268, BF205674, AA503629, AA232550, BF339165, AU148816, BF805272, AA063610, BE925432, AW262115, AA476946, BE789123, AI752696, AW074189, BF971680, AI193067, BF769452, AW409987, AI910092, BE146092, AA148767, AW938642, AA405733, AV685539, AA218698, AA152261, AI139613, AI612782, AA402501, AW104644, AA102669, AI309042, BE870473, AW272879, AW263843, AI609066, BF893081, AI720733, N80732, BF209925, AI752697, F37360, AA586858, R53601, AU143943, BE621441, N99159, AA418836, AW960530, AA515096, N94377, W60430, BE614163, AA150287, BE967097, BG026184, W52952, AW001267, AW402003, H24950, AW874376, N23886, BE697359, AA418981, H18111, AW518137, AA292501, AW080655, AA358993, AA150223, H25769, AA310084, W89085, AA135040,

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HSPSN08	550	101960 8	1 - 1434	15 - 1448	<p>AW129358, AI860063, CI5186, AW338036, AI432679, AA331901, T59331, AA256688, AW58908, AW293348, BE698898, AA300849, D78664, BE773460, AA366528, AA031771, BF238624, BF927275, BF237433, BF967457, BF685596, AA317587, AI929470, AA247846, AI520932, AI520931, BF316327, H96175, AA255558, BF314217, AA317418, BE266012, AA247772, BE729504, AA255794, BF933491, BE314909, AA319216, BF090326, BE733217, AA612605, AI526247, AI526209, BE257871, BG036775, AW160832, AI929703, AW953922, BF346478, BE790774, AV727777, AI535511, AV726527, BE889313, AI214048, AA358632, BF967675, AW889517, BF966650, BF038787, BE702443, AA317625, AV702643, CI5591, AV702285, AA081744, AV705808, AI291270, AI291126, AA384405, AA384269, AA884236, N32388, AK000959, AI035494, AF237783, AF220189, and AI955137.</p> <p>AL529556, BE275161, AL525256, AL525428, BE270851, BE747850, BE907680, BE274675, BE396347, BE383709, BE791794, BE791216, BE791116, BE898946, BG111754, BE731240, BF311352, BE744294, BF027378, BG116157, BE902855, BG035101, BF311652, BF304518, BE622749, BE901352, BE270783, BG033417, BE796984, BE887781, BG036324, BE728278, BE740226, BG251499, BE253429, BG031264, BG166121, BE385619, BE898914, BG122835, BG027398, BE277682, BF348276, BE408738, BE386072, BF689457, BE409364, BE276501, BE897011, BE383694, BE314660, BE872566, AI734924, BE272188, BF685923, BE388961, AW965811, BE545074, BE388752, BE560583, BE730119, BE622437, BE384887, BE276827, BF526457, BF982080, BE391754, BE389407, AW955331, BG120252, BG178757, AI131174, BF940949, BE075017, BF983088, AI348348, BE388757, BE296680, BG122702, BE387746, BE388818, BE280930, AI337418, AW003439, AI936833, AA528109, AI660810, BE514006, BE388241, AL528155, BE018060, BF115419, AI951600, AI860268, BG111026, BE314992, BE279373, AI523256, AW172989, AA811385, BE301469, BE264092, W85909, BE875052, BE269132, BF672164, AI092815, AI052411, AI075374, AI004228, AA315427, N34204, AI276884, N35255, AW575874, BE513272, AI076432, W07718, AA041363, W22031, AI034149, AI419051, W47393, AA564743, AW276197, N36107, AA157500, AI306647, AW006347, BF923718, BF700871, AA448228, AW241251, AA552389, T89718, AA035231, H50097, AA593303, AA158075, AI280017, AA911808, AI528156, BF035863, AA305991, N68263, AI299883, H69611, BE514112, AI909896, AA041311, BE775235, BF217224, AA312899, AA806868, AA186623, BE410275, AI126022, AI028645, AW878919, N68972, AI417439, AA469095, AA223714, AV743734, AW379427, AI264538, W78924, AA035295, AA565129, AA448372, BE740045, AA223704, AI285728, AW952388, N26673, AW518624, AW407735, F36877, AI246599, AI283366, AA156885, BE894082, AA993359, AI583549, W65291, AA860587, AI923942, AA325478, AA767502, R51656, T16239, T16233, T08850, AA903877, T09297, AA157194, AI925332, BF206384, AA353896, AW732520, R51565, T09308, N69383, AI583418, R02096, AW769515, N39826, AA337970, BF799057, AI963032, W47423, F17318, W65421, BF980665, T08262, BE733440, BF033895, R35495, T89815,</p>
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HVCAH24	551	101974 9	1 - 592	15 - 606	AL532297, AV653346, BE782497, AV764595, AL537232, BF245697, AV714321, AI114567, BF213603, BF244698, AA536147, BE787762, AI830831, AV654419, AW972189, AW072030, BG028414, BE618411, AA318903, AA383707, BG108225, BG249004, N78477, BF246065, R60406, AA218559, AA904549, BE869225, AA318951, BF575136, AA319119, BF089616, AA371452, AW957400, W25827, AI525195, and AC002394.
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HVCAE76	555	101994 2	1 - 3030	15 - 3044	BF794486, AI694023, AV730238, AI971193, AV714826, BE766989, AI762047, AI467861, BF035186, AI799534, AI827688, AV699146, BF815957, AV718765, AW089505, AW613185, AL120076, AW029467, AI292243, BG166099, AI860559, AI339164, AW190024, AI288250, AA743179, AA707793, AA926679, AA425650, AW467621, AA972331, AI808567, AW900702, AA565392, AA493651, AV730688, AW992385, AI219963, AA928993, AI446145, N39381, AA281623, AI949746, AW513339, AI799438, AA910463, AV728440, AA620754, AV724992, AI524452, BE719286, AA022453, BF056400, AA904622, AW938493, AW450736, AW975795, AA810293, AA769161, BF826898, AI803753, AA347511, BF088130, D20085, H09463, AI434672, AV698937, Z43028, AI219929, Z45293, F06225, AA644371, AA120889, AA494347, BF798133, AL043246, N92632, Z30065, AV729526, R19541, BE709510, AW361999, AA814042, AA493785, AW132108, H09113, AA736827, H43746, AA621524, N56636, T32742, AI363767, AW337497, BF088128, AW089941, T16598, AW192227, BF738251, AA120876, Z21395, Z21394, R43709, AW872531, BF088138, Z40998, AI365560, BE719304, BE814588, T52397, AW298543, H03731, AA953682, R20253, AI693583, T25752, BG032019, BE048071, AI539771, AI682106, AV682772, BE047737, AI590227, AW302988, BE018334, BF726234, AI514129, BF726451, AL045266, BG113299, AI560099, BF725868, AV704928, AI440239, AI537677, AL045500, AL514899, AW827276, BG257535, AI923509, AL514935, AL040243, AI612913, BF812961, BF960601, AI500706, AI269862, BG036846, AI636445, BF970449, AI284484, AI249257, AI524671, BE876033, AI702406, BG120816, AI872711, AV753074, AL513991, AW104724, AI275175, AI538716, AI433157, AI572787, AV755459, AI564719, BF812438, AI918435, AW087445, AV734318, AI619502, AI433976, AL514357, AI274508, BF795712, BG180034, BE963035, BF812938, AI620284, BG164371, BF812933, AI610756, BF341801, BG260037, AV711509, AI802542, AW663332, AV758738, BG249582, BG252929, AI499463, BE047852, BF338723, AI934035, AI567612, AL515047, BE047738, AI500659, BF793324, AI500523, AW086113, BG163618, BE874133, AI491776,

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HOCMH14	556	102000 7	1 - 2325	15 - 2339	BE797207, BE540510, BE293489, BE796238, BE797879, BE250132, BF311879, BE304911, BE293878, BE264951, AW028078, BE676650, BE305180, BG104408, BG118139, BG178095, BF035383, BE618621, BF237831, BE305140, BE293582, BE266684, RG036827, RF237476.

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HPDRZ03	557	102013 0	1 - 2717	15 - 2731	X82434, A07588, AF132676, AR070212, AF061836, U53505, U83980, AF090900, AC069550, AF115410, S69510, AK027102, AX046716, AL122050, AK000432, AF218033, and AK027182.
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HOCPO73	558	102018 0	1 - 3993	15 - 4007	AL517889, AL530663, AL530664, AL527010, AL519426, AL534226, AL517890, AL519425, AU118754, AW957151, AU125377, BE880294, AW467484, AI425003, AL532403, AI743711, BG261041, BF969175, AW269442, AW664040, BE467609, BE795175, AU129661, BG149333, AV722937, AI378839, BE503990, AA808061, BF511587, BE504725, BE550797, AV713026, BG111932, AI796765, BE779434, AW194726, AI141040, AU119219, AW675131, AW295030, AA907763, BE836425, AU149049, BF382219, AW090689, AA129297, AW970465, BG010166, AA808655, BF210690, AU145244, BE219006, AW090757, AU145617, AU144713, AU151742, AI040749, AA743502, AI376068, BF115269, BF432202, BF677542, BE673593, AI624081, AA449017, BF431936, AA425355, BE075299, AW275278, AA234143, AA400665, BE935814, BF594345, BG006317, BF211366, AW172960, AI082446, AA535366, AV687417, AA235178, AW103577, BE935750, AV686296, AA644064, AI393088, BE549680, AW104603, AA425560, BF433781, AI041616, BE672915, BF361973, AU118056, AA743516, AI767159, AW303946, W07337, AI536829, AA281366, AA400717, AW013799, AA583447, AA084316, AW169817, AA809281, R60645, AI246220, AV686665, AA129338, AV690633, AI374726, BF514173, AW078570, AW340767, AI620168, AA765027, AA456431, BE774508, AA196627, R60591, AA991773, T09201, AL038082, BE841488, AV688425,

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HNKDT10	559	102083 2	1 - 779	15 - 793	<p>AL040968, BE614464, BF475583, BF570251, BG236016, BE645039, BE728283, AA876119, AL040878, AW853904, AI620201, AW272525, AW853891, AW604445, AI810630, AI624158, BE000415, AA662674, BE272442, AW295598, AV682528, AI139291, BE927219, AW361341, AA428869, AA643689, AA101504, AA506178, AW368592, AI628041, AI223312, AW272772, AW974131, AA126031, BE774624, BE543621, AA126626, AI635219, AI831145, AA223723, BG258104, AA166669, AI393334, AW368596, BF349670, BE272468, BE696054, AA609710, AA182573, AA125839, AA627552, AI520735, T70552, AW245101, AA588589, AA969727, AW361336, AI589990, AI654578, AW301938, H98122, AW613874, AI128760, H06511, BE774570, AA071351, AA569083, AA909871, AW173734, AA653217, AA436546, N25030, AW978146, BE774538, AW074868, AW608903, AW518612, AW390796, AI308036, R56868, H84055, H29320, AW292509, AW338571, AA281089, AV696543, AA813942, AI682762, AW608894, T90829, BE540699, AW028456, BF829483, AI474847, AA706136, BE407767, BE147900, AI612136, AW853793, AI612151, AA969587, BE828101, R10267, AA366775, AA776935, AW753301, BF816887, AI741693, AI525912, AA715437, AI802376, AI571962, AW876607, BE002394, BF832529, AI610191, AI242268, AA436573, AI918613, BE465631, BF095123, BE537892, C00578, BE242302, AW386767, AW999658, H53724, R72151, BE748607, AI362560, AA730228, AW469483, AI886770, AW795176, BE842481, BF822760, BE008855, BE774516, AW600274, BE093399, AI963787, AW879423, BE768742, AW579391, AW579321, AW176549, AW579382, AW579341, and AF191018.</p>
HWHGO25	560	102084 1	1 - 651	15 - 665	<p>AK025015, AL031280, AL049845, AF139813, AL135783, AL117337, AP000009, AL391384, AC004066, AC007383, AC007262, AP001429, AP000150, AC003025, AP001713, AC016601, AC020552, AC005578, D83253, AC024247, AC010358, AF205588, AC004228, AC034246, AL136170, AC006571, AL121977, AL157826, AL136314, AL031602, AC002045, AC008122, Z85996, AP000035, AP000031, AL136101, AC003013, AC005914, AC005330, AP000100, AL136981, AC003971, AL109952, AJ000673, AC005538, AL109825, AC005041, AC004980, AL162831, AC016816, AC006452, AL162390, AL157372, AB011166, AC020898, AL022313, AC011464, AL021937, AL161757, AL034420, AC006483, AC003982, AC083871, Z97988,</p>

					<p>AP001727, AC006451, Z97180, AC005369, AL031597, AC022402, AL022326, U95740, AL139014, AL162458, AL133246, D87675, Z82180, AL121751, AC003992, AF312915, AB026898, AC000062, AC006327, Z98946, AL022237, AC008556, AC018663, AF131216, AC007225, AC005015, AL133335, AL356321, AC000353, AC000052, AL035495, AC004019, AC003962, AC009946, AC003070, AC007666, AC002395, AC010311, AC011495, AL031846, AP000359, AF196779, AL356010, AC003110, AK025772, AC005379, AC004166, AC006984, AP001711, AP001695, AC005005, AC007537, AC004686, AC016751, AL359708, U82671, AC021068, AJ246003, AF031078, AC005052, AC005080, AC008569, AL163203, AC004923, AC005725, AL031680, AC008267, AC006079, AC016951, AF030876, AC006262, AL049747, AC004841, AC008760, AP001607, AC018697, AL096775, Z81315, AC006254, AC006111, AL024498, AC004460, AC002470, AC005340, AL137783, AC025765, AK001094, AL117377, AL050312, AC008783, AC004984, AC007919, AL049820, AL357508, AL034418, AL157791, AC009087, AC009336, AL050318, AJ400877, AL121658, AC005696, AC0033006, AC073148, AL157838, AC005703, AL158040, AC008079, AC011490, AC013429, AL137782, AP001677, AC008060, AC004014, AC019187, AC009600, AC008482, AC005409, AF109907, AL133507, AL031311, AL121586, AL122001, AC003101, AC000097, AC005011, AC007663, AL080275, AC007739, AC005781, AJ295844, AC004953, AC006547, AL031652, AF001552, AL359382, AL355098, AL031663, AC008490, AL133517, AL132987, AP001724, AL355094, AC007619, AC005250, AC007227, Z95115, M63796, U89335, AL137191, AL121759, AC005098, AC015540, AL079335, AL080317, AL031670, AC010473, AC009248, W02765, W24794, AA469028, AA492383, AA503887, AA603234, AA917585, AA923690, AA193445, AA284249, AA412671, AA405278, AA705656, AI096706, AI261296, AI302784, AI458808, AI459231, AI247523, AI683171, AI693406, AI762161, AI762515, AI697643, AW272354, and AW296232.</p>
HWMNE31	561	102085 2	1 - 1048	15 - 1062	<p>AL523455, BF685619, BE396633, AL522875, BE727102, BE385361, BF971548, BE901324, BE251996, BF683401, BE727862, AW957925, BF972411, BE887273, BF063156, AV650861, BE348280, AI479252, AI471620, AW242495, AI138610, BF038793, AA307040, BF476579, AA631250, BG010494, BE327939, AW300589, BF348460, AI650780, AA126751, AW237339, BG008457, AW361221, BF949318, AA868535, BE704322, AW104774, AW853553, AW139397, BE252382, AI766554, BF803012, BF973574, BF805834, W22123, BE244245, BF986189, AW804846, BF996230, BE876641, AA131115, BE176635, BF089058, BG015073, BF808543, BF876184, BF743463, BE882668, BF876140, BE779075, BG008749, BG004714, AA159254, AL523454, AA159246, AI889092, AA054682, AA159444, BG029940, BE003218, BG109109, and AF083384.</p>
HUSYJ75	562	102087 8	1 - 829	15 - 843	<p>BE616886, BE737370, BE313836, BE616411, BF314407, BF309777, BF683527, BG034665, BE259399, BF685748, BE799408, BF683989, BE313841, BF684679, BG256204, BF305186, BF684326, BF339386, BG120598, BF683765, BF304139, BG031413, BF205559, BF203380,</p>

				BE269689, BE791703, BE299881, BE615099, BF686502, BE728257, BE621350, BE274159, BE272573, BE796339, BE271642, BE877780, BF972624, BE267433, BE263358, BE407188, BE260009, BF346232, BE264439, BE407642, BE207313, BF307831, BF032566, BE275275, BE390726, BE514965, BE737151, AI815489, BE264559, BE387322, BE206730, BE788557, AW161325, BE965238, BE736560, BE563817, BE907306, BE886812, BE740298, BE778841, BG034028, BE019288, AA314913, BF727015, BE410164, BE732813, BE732266, BF308734, BE736392, AA481180, AW238807, BE905096, BF222816, AI391538, BE530991, BE727894, BE300197, AA402703, AA291830, BE531146, AA430585, BG031733, BE409099, AA478002, BE272874, AA813180, F33626, W92063, AA477636, R48213, AA291416, H44698, D81578, AW410810, AW410990, BE737331, F31078, BF808120, AA404634, BE735623, BE563421, BF765469, BE746331, BF763087, BE540929, BF303947, BF765075, BE298233, BF765470, BF765471, BF764997, BE737526, BF763072, BF765732, R48212, BF766233, BF765132, BF765866, AW663018, AA199641, BF765141, BF765854, BF763071, BF765137, BF763064, R76366, BF765085, BF973876, BF765390, AA259156, H45856, AA527076, AA634419, W46909, AA740321, BE787834, BE881978, R53502, AA989515, AA992856, BG256112, AA082859, AA405613, N33016, AA431714, AA402251, AA428739, BE019171, H27361, AA433930, AA781076, BF853885, AI356153, AA421153, BE279846, AA527703, AA437290, AA548838, AA868508, AA045788, AA045789, R71978, H65104, AA557196, AA937294, AA394038, AA878768, AA397944, AW410991, H24982, AI017127, AA588044, AA810849, AA890133, N21435, AA235635, AA292632, AA911570, AA911411, AW410811, AA442369, AW960600, BF379278, W04477, BF765089, AA858106, BG249536, BF764187, N37052, AI372897, H26646, AA292262, AA478003, R50043, AA938578, AA405152, BF763063, W46762, D80356, BF765136, AI693701, AA199749, H27989, R50271, BF765135, BF763068, BF765855, AA316178, BF764189, N99395, AA971668, AA775564, AA856667, H61240, AI816429, AA640959, AI983807, BE205806, AI580256, AI243715, R54954, W94910, BE207966, AI239524, AI870009, AI858776, AA405176, AA339108, AA912974, H42340, BF766080, BE882433, AW025910, AA586393, AA259117, AI199548, AI122676, AI161006, BF766220, AI222240, AI269828, AI589829, BG107541, AA918617, AI700353, AK024699, AI121829, Z98941, AA196167, and AA405175.	
HSDFS07	563	102090 4	1 - 1051	15 - 1065	AV660563, W28683, H06169, U46296, BF791236, AI816502, HI6434, W65439, AW901775, N44987, AL035427, and AB007903.
HCOPC09	564	102120 8	1 - 668	15 - 682	BE877222, BE563229, BE906536, AW006817, AI660818, AI309831, AA075143, AA683587, BE273512, AW004931, N32191, N32189, AW189983, AA195167, AU155716, AI457910, AI128868, AW802561, AA505434, AW802439, AW802607, AW305090, AI190254, AA642293, AI933386, AI708906, AW802602, AW802604, AA569431, AA074407, AI369322, AW802589, AV656952, H26602, AV656964, BE003740, AW802600, AI017411, AA480199, F29822, BF111575, AI623115, AI886671, AI984344, AA194955, AA074308, T53523, C02021,

HVVB/T22	565	102132 3	1 - 1687	15 - 1701	<p> AI749291, AU134911, BE813290, N51842, AW748175, AK001829, and AJ245905. AU117422, AL514582, AL532153, AL535182, AU119503, AL515348, AL518412, AU142403, AU136064, AU117566, AU125032, AU142609, AU120990, AU125166, AU120250, AU122228, AU120208, AU131839, AU125690, AU120809, AU120431, AU120496, AU121653, AU130969, AU120289, AU141529, AU117312, AU122759, BE731920, AU125858, AU136185, AU143171, AU124914, AU123314, BE748881, AU124640, AL537080, AU117082, BE747420, AU138101, AU143396, BE886071, AU134283, AU138420, AU130772, AU133610, AU134639, AU122001, AU137905, AU124552, AU134165, AU126330, AU120773, AU128599, BE019382, AU123242, BG033773, AU123244, AU128844, AU128812, AU122063, AU140131, BE898670, BE781312, AU126452, AI357396, AW161269, AV713949, AU134973, BE901129, BE257934, BE902602, AU128388, AW410254, AA173565, AU129219, AA885276, BE271870, BF195178, AU127412, BE271305, BF308186, BE543295, BF796416, BE883484, AU134938, BE874501, AA810505, BE280671, BE535185, BE791948, AA460919, AW515392, BG231654, AV760243, BE563561, BE871731, BE514155, AA306727, AW160602, AW614922, AW328678, AI751440, BE267332, AL038056, BE262753, AW264678, BF035231, AA745986, BE874665, AU126313, BE795186, BG105962, BE779924, AU143282, BF919797, BF920391, BF919798, BF919736, BF919863, BF887577, AW410104, BF920023, AV760330, BF919859, BE277024, BF920401, BF919741, BF920393, BE728896, BF892628, BG250877, AA643578, BF919800, BF919739, BF919855, AA136603, AV760748, BF920402, BE895069, BE792450, AA461222, BE781751, AA905219, BF306371, AV760722, AA173850, BF305355, AW073698, AA602419, BE049587, BF305270, AA863330, BE782876, BE242149, AA361044, BF919846, BF304408, BE787371, AA306612, BE313786, BE778186, AW976276, BE748292, BG035992, AV737626, AA826291, BF308278, BF970617, AW161764, BF025985, BE883883, AA173728, AW580945, BF965263, BG119870, AU125383, BE392807, AI751588, AA113339, AA214477, BG024481, AI160578, BE778007, BE781925, AV757089, AA374616, BE264518, BF670760, BE269160, AW797530, BF688054, BF920018, R42651, T41211, AA359827, BG033868, BE271463, BF349723, BF919791, BE085587, BF670517, BG110561, BE246601, R77057, T51111, BE222796, BF210615, D19665, AA749391, AI222227, AA746250, BE085637, W22802, BF681379, BF688133, AI659594, AA903199, BE710280, BE253002, AA084239, BF306478, BF892623, BG167309, BF032518, BE707092, BF576794, BF768008, AW166002, AA092065, AA333206, BE903624, BF768014, BE277196, BE085565, BE867589, BF475712, AW672890, BE890700, AA361776, T51019, BE071854, BE893757, BE934839, BE829205, BF211131, BF688803, AV733173, AW972818, L76159, Z23064, AR083785, AC004051, AL121573, AL034397, AJ237847, AJ237846, AF031568, U62105, AF146191, Z57492, AF074708, AF074707, A41579, AL133665, AL080139, AL389935, AU012755, AL357195, AFI24728, A77033, A77035, AK026541, A23327, AL389982, AF230496, AL133623, AR050959, X00474, AFI16602, </p>
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HAMFW66	566	102132 7	1 - 2419	15 - 2433		AL526421, BF348345, AW960471, BF967738, BG029196, BE888136, AA521213, BG026624, AW269820, AL526380, AA935806, AI811094, BE544188, AW297814, AA530864, AW183088, N93208, AA190485, AI590925, AI580177, AA530872, BG166234, AI192467, AW675014, BG001657, AI770041, AI392640, N78499, AW613010, BF752886, AW082182, AA285173, AI031786, AI031914, AA828941, AA768225, AI921261, AA705598, N73658, AA189018, AA088228, AI081497, AA748426, AV722453, AV722710, AA812077, AV722812, AA825401, AV724527, AA729099, AI476037, AI797637, BF516236, AA181631, AW577499, BG261386, AA115700, H66289, AA190522, BE246170, R80280, BE247161, AA088373, AA826000, D44777, AA988049, AW449908, AA807271, AA829143, AI469173, AI474641, AA552196, AA961047, AA076472, AW183263, W38991, AW969186, AA328179, BE929231, Z30295, AI077532, AA076361, R66760, H57093, AA115701, R77473, AI541132, R31313, AA284026, BE813379, R76603, BE929288, R33300, AA190923, R31573, BF987396, AI824597, AA302351, H67718, AA639693, AW748613, R33149, R66399, AW613313, H57094, AA814297, R76604, AA329168, AI903265, AA091905, BE004643, AI472450, AA190924, FI3607, BE926658, BF989794, AW577495, AA419387, BG105915, BE003461, AW440944, AF271070, AC016254, AF075704, and S77359.
HPMBW86	567	102166 1	1 - 884	15 - 898		AA282852, BE909837, AA324267, AI272171, AA826428, BE617994, AV725733, BF950693, AF129756, AL132713, AP000504, and AI245433.
HOFMK02	568	102166 6	1 - 373	15 - 387		BG16846, BG168645, BG117025, BG253641, BG025417, BG258222, BG167818, BG164284, BE612896, BG252223, BE621811, BF345060, BE910738, BF798053, BE621893, BG123011, BF984992, BG117030, BF984267, BG031014, BG117026, BE621810, BG168644, BE614378, BG253645, AA362688, AA362690, AA362689, I29199, BE613101, AL044652, BF793870, AR080280, I66487, A94048, A94061, AR035224, A49045, AR071324, I09252, I09251, AX002278, I09270, I09268, I09269, I07209, I07249, AX042374, AX033488, AX033489, AX033490, AR068508, AR068510, AR067734, AR068509, A63954, AX042377, AR091571, AX033474, AX035427, AR089207, AR089206, A49701, AX035430, AX033486, AR089208, AX033487, AR089205, A29109, A32111, I66495, AR068550, A23373, AR068551, AX042373, I66494, AR085090, E01324, I08638, A94046, A94054, I58322, I58323, I66498, I66497, I66496, I66486, A27169, A27170, A39929, A83151, AR067731, AR067732, AR038307, AR038321, AR070554, I09267, AX030435, AR051528, AR051547, AX030436, AR051537, AR051524, AX042376, AX042375, and A42964.
HOUHK71	569	102168 2	1 - 415	15 - 429		BG232144, AI078579, AI634879, AI206835, N32586, AI184760, AA992169, AI351746, N32600, AI830545, N62169, AI693942, AA602061, AW069038, AW768856, AA326452, AA811954, BF804385, AA862029, AW962235, F35674, AW664548, AI671077, AA297789,

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HCOOW23	570	102175 9	1 - 909	15 - 923	BE253921, AL336770, AL533198, AL534756, AV650088, AL529457, BE293315, AJ403132, AL534757, BG248619, AV759232, AL532630, BF515555, BF982726, BE392537, AW752338, BF337539, AL522277, BE252854, BF337870, BE888289, BE796085, AL522276, BE798216, AL536769, BE798556, AW820575, AL515572, AL532584, AL525226, BF342351, AI937797, AL529456, BE269295, AA853153, AA371767, BE296482, BF342746, BE794857, BF304289, AA322256, AL038180, BF204689, BE867391, BE737482, AA486356, AA359937, AL525271, BE925554, BE711533, BE548184, AA348677, AA344315, BF846052, AI878966, AX014299, AF158978, AF196969, AF220146, L08237, and AK000570.
HACMT02	571	102179 4	1 - 321	15 - 335	
HISDS67	572	102201 8	1 - 2308	15 - 2322	AL534825, BF966655, AL534826, BE297391, BF220011, BE245264, AW156875, BE791830, AL513756, AI288798, AI983649, AI983228, AU148467, BF194886, AI949855, AV751641, BE858463, BF530393, AU158916, BE670426, AU151009, AL537788, AI198922, AU141329, AI084858, AU130221, AA975273, AA826390, AW369907, BE467257, AI419391, BE467571, AA161209, AI369446, AU152769, AW474249, AI702643, AI085602, BG142258, AW471257, AW090631, W26589, AI085983, AI269061, AW079989, AW338324, AI934186, AI798753, AA772100, AW956493, AV654106, AI497580, BF890701, AV746621, BE696848, AU130902, BG056286, AU155631, AU141632, AI368950, AA702289, AV728848, AU133753, AI735233, BE832305, AU159447, AI042204, H45328, AU124643, BE327413, AI378413, BF367422, AI363351, BF940478, AW467982, AW150346, AI654974, BE612670, AA086226, R62990, AI090507, AU134777, AA112992, D61140, AI421781, AW052148, W32560, H15253, AI076859, AI436265, R63046, AA927548, AA757678, H13533, AI651723, BE672226, AW197530, AI367015, H12421, F34298, H45260, AI935399, R68712, AI671255, C15812, R43616, BF448890, BF477771, H12422, AI096595, W32679, AW411298, AW966063,

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HOVAA59	573	102203 7	1 - 2880	15 - 2894	BF663546, BE515265, BE271255, BF686472, BE271158, BE799923, BG250167, BG114802, BE560209, BE896965, BF983729, BE907113, BG113833, BE867974, BE312104, BF436337, BE267744, BE730335, BE267870, BG259130, BE780948, BF529227, AI678038, BE251580, AI302252, BE301829, AW006365, AW239255, BE889219, BE273260, AW293884, BE218473, AI912806, AW006355, BF058239, AA400151, AI346600, BF732881, BE560177, BE384861, AI703178, BF447926, AI684363, AI814411, AI243451, AA400177, AI458007, BF222427, BE513941, W44360, AA101019, AI479636, BF478032, AW078759, AI160522, BE797999, AA101020, AW296926, AA194366, AI288978, AI299323, AI378783, AI276087, AA399412, AW406211, AW614033, AW028776, AW402617, AW138677, AA308772, AA424970, BE219523, AW004676, AI014657, BF347470, N28719, AW247480, AI217469, AA194451, AW013943, AA582260, AI494169, AI287639, AA078843, AA459771, AA935341, AA962823, BF718676, AI568731, AW575260, BE241846, AW168461, AI609321, AW168460, AW501176, AA102492, N23054, AI270766, AW501163, H03116, AA052893, BE241450, BF061050, AI081881, AW088007, AI828294, AI473797, N79446, AA053066, AA155614, BE839053, AI910774, AA593294, W45713, AI859126, AW501340, AW075530, H25422, BE560824, R68175, H23671, Z25175, BE241715, BG059631, AI922153, BG056804, BE887176, AI333925, AI285233, AI222309, BE537653, AI358978, HI2425, AA078842, AI018011, BF941218, AA296841, H25463, AI025963, AA292172, AA516434, HI8375, AI909804, AA913370, BF740947, AI973056, AA644057, AI351425, AI540605, AI824426, T84848, AA972466, AW732545, AA495972, H52832, AI202261, AW001521, AW006790, R50745, H23627, AA985274, BF877647, W07816, AW380738, H52831, BF903465, R50289, AA515082, AA830254, BG056687, AI744667, AI808482, AA807117, AW403735, H44855, AA406283, BE241528, AW131676, W23579, AI383034, W35247, AI126158, AI868512, AI671272, BF115474, AW593817, BF841813, AI223169, AI473155, BF588530, Z28826, AW238907, BE560844, AA552350, AA580852, AI653221, AI917471, AI669976, AA033652, AA807814, BG013843, BF876270, H27900, AW166470, AA631984, BG010588, AI745340, AW751433, BE767176, H40656, BE767205, BF796402, AI039390, BF795712, BG252929, BG113493, BG029667, BF338002, BG167830, AI890907, BF971016, BG119543, BG113712, BF970425, BG163646, BF971261, AL046681, BF792736, BG180295, BF968504, BG108452, BG114865, BG111100, AI906578, BG179586, BG111590, BF968622, BG251851, BG165260,

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HOCPL72	574	102205 9	1 - 2428	15 - 2442	<p>AU132311, AU133843, AU123628, AU126989, BE270303, BE965853, BF104740, BE782152, AW967966, AV107000, BF979638, AF760361, BE866269, BF572988, BF977379, AA835886, AA282291, AW152499, AA232116, BE694283, AA282292, BE866003, H24091, BE694299, BE694274, AL036481, AA587771, BF590906, BE694256, BE694301, AL036074, A1738975, A1337371, AW138609, W01426, AW370876, A1085600, AA258395, BF691661, BE828089, A1654432, BF980280, AW370872, BF825914, BE711349, BE694242, AA808145, A1249475, Z28899, A1095789, A1888383, A1383951, BE694255, A1041993, AL036075, AW631216,</p>

					<p>AI684838, AW664661, AI681546, AV708068, BE697720, BE620258, AW369843, AA788975, AI338025, AI128159, BE620797, H67557, W02157, AA837309, BF575014, BF672155, BF825241, AI263533, AI026121, BE711345, BG099512, BE694284, AA329966, AW016318, AA280569, AC007250, and AK001197.</p>
HCOMM05	575	102208 2	1 - 1649	15 - 1663	<p>BG250919, BG168448, BG119581, BE873125, BE873068, BG026155, AI681802, AA534542, AI044632, AV698020, AI912061, AI912050, AI298280, AI271683, AA587766, AA143726, AA565889, AI052230, AI983603, BF939524, AI369272, AA079779, AI148467, AI028441, AW747800, N93876, AI950520, BF511609, AW024410, AI933105, AW138648, AW579260, AI244430, AW605368, AA583571, AA436795, BF531044, AA158795, AA079751, AA595313, AA947417, R27340, AI373637, AW182724, AI244362, AI869920, AW381284, AI348932, AI991003, AI250467, AI335365, AI611516, AI252717, AW086414, AI252210, AI310178, AI252203, AI345138, AI308005, AI310659, AI250541, AI311180, AI250964, AW301779, AI348928, AW086115, BF840501, AI311179, AI250009, AI345868, AI305732, AI311504, AW303046, AI269522, AI254155, AI335130, AW301495, AI251162, AI862506, AI371584, AI311043, AI251045, AI335320, AI305978, AI590436, AI284537, AI310038, AW301422, AA158794, AI224292, AI252538, AI053635, AI862262, D31472, AW268255, AI685886, AI540612, BE043498, AW371409, W40369, BF718394, AW071370, AI886550, AW371414, BF765964, BF805100, AI955911, AI024888, AA143739, BE645943, AI254135, AW748697, AI246935, AW177721, T35070, BE743993, BF765681, BF030689, AW748701, C00345, BG223100, AW371416, AA902858, AW827228, AW369434, AA581215, AW663332, BF968085, AW117919, BF814541, BE966388, BE898902, AI932915, BF726237, BF753020, BF342070, AI554245, AW132056, BF342475, AI800043, N80094, AI358213, BF726183, AW088899, AI539153, BE048071, BF726504, BG168696, AI919107, BE964497, AI680457, BE047852, AI802833, AW020095, AA946741, AI698401, AL110306, AW118398, AI251830, AL041772, AI805769, AI929108, AI468872, AI680280, BE048157, BG116586, AW999049, AI251205, AI888621, BF343174, BE965192, BF970186, AL046356, AW195957, AW002342, AI889953, AI659795, AV714209, AI520809, AI569309, AW151785, AI498579, AI478123, AL119791, AI922901, AW198075, AW088134, AI432736, AI610645, BG058039, AI587606, AI699011, AI476109, BF341801, AI697324, AI335214, AV729451, AW081255, AI868831, AW073994, AI888944, BF344652, AW189415, AV757797, AI280670, AI590686, AI783861, AL119863, AI866608, AI886124, AI345746, AI680498, AI628217, AI802240, BE907440, BE543089, AL040241, BF895953, AI687065, AW827289, BF343172, AI469738, BE964700, BG029053, BG260037, AI805688, AI249877, BF970446, BE907624, AV728670, AI345677, BF982085, AI952920, BF814357, BE620444, AV756770, AI431909, AI633062, AW406745, AW505354, AI343059, AI376180, AW168031, BG105895, AI682743, AK025588, AK025824, AF119909, AL137526, I48978, AK000647, AL050138, AL080127, AL359583, AF217966, AX019230, AF078844, AF116688, A65341, AK025084, AK024538, AF130100, AL122098,</p>

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HL YDC86	576	102216 2	1 - 2970	15 - 2984	<p>AI207830, BF980256, BG255565, BF527753, AI207808, BG117478, BE882223, BF032245, BG107961, BG028168, AA418445, W55859, AI927385, AI885195, BF207485, AW959654, AW974422, AW026019, AI634742, BE672190, W55860, BE467355, BF216890, AW368105, AW167206, AW938120, AW780348, AI890090, AA609091, BF061507, AW008797, AW471447, BE328742, BF438483, AA486828, BE359697, AI222822, AI922048, AA854525, AI139534, AW268992, AI082583, AI921872, AI689669, AI869021, AI198325, AA890469, BE546325, AA825182, AW166302, N53464, AA568725, AI273743, AA872908, AA565397, AW183155, AA187931, AA137123, AA188547, BE673258, AI420396, AA130271, AI424421,</p>

					AA234216, AA837444, AV698758, AW081790, BF215282, AW001985, AI290692, N64050, AA487149, AA632867, AA278971, AG627287, AI421568, N30841, BE843068, AI015710, BE672175, AI080408, AV656531, H22069, AI860058, AA513444, AA772734, AA321226, AW512054, AI252409, AL527193, AA320611, AW512226, AW818993, Z38627, AA460468, BF901042, H58266, AA600285, AI536727, AA336516, AA856652, AA376938, AA332020, AA319582, H53033, AI872704, AW819114, H27447, R64230, BF375565, AA336300, AA948563, N91625, R36577, AW754354, F03234, AW888699, H58658, AI873589, N72467, BF804502, AA360789, AA805558, BF870334, H53034, AA348195, AA312725, BF855351, BF901053, BG000249, N41368, BF906545, N68734, F01718, AA096049, BE836999, AA039632, N79304, AI095276, AL527194, BF088469, C21390, N48520, AA570529, AI923530, AA236028, AI333340, AA252364, BF350925, AW998964, N39406, AW962027, N88953, AA324480, AI860277, AW178942, Z44006, H10498, BG110839, AI308234, R52572, AV752119, BF969512, BF979615, N88646, Z21403, AA091227, R60109, AA911274, F05669, AF171939, AF171941, AX013196, AC004846, AF109907, AF171938, AF171940, A84104, AF108092, AR060049, U70674, AF170709, AF169191, AF169192, and AK023670.
HTLEP21	577	102216 7	1 - 498	15 - 512	AA737807, BE396727, BF337404, BE514003, BE901238, BE902214, BE778641, BE560533, BF212227, AI950417, BF310368, AW296355, AI694694, BG113731, BE856560, AI341643, AW083848, AA448944, AW076055, AW772825, BF224446, AI341859, AA316241, AI950236, AW452665, AI796355, AI367080, AA582612, AW891296, AI338467, AW601444, T62771, AF081280, AF079325, AC010789, and AF267714.
HVCAS77	578	102231 3	1 - 1263	15 - 1277	AL521313, AL521314, BE747572, BE253933, BE790552, BE796103, BF976677, BE791415, BE792769, BE274394, BE796689, BF796503, BE794149, BE793203, BE794288, BE793965, BE782408, BE730602, AI659313, BG259406, BF309144, BE795024, AW005203, BE899367, BG180536, BG166395, BF973764, BF002015, AI768158, BE782309, AW005822, BE793448, BE263339, BG112962, BE783146, BE252166, AL520006, AW409697, BE275767, BE797479, BF348188, AI811508, AW409803, BE336617, AA662424, BE408619, BE045964, AA532741, BE798119, BE251277, BE546783, AI245935, AI829864, AA805144, BG121848, BE729203, AA836071, BE208381, BF526851, BG036461, AI422141, AI333291, BE293339, AW071219, AI186332, AA989165, AI075429, AI765526, AI199555, AW631134, AA775457, AI369339, N76112, AA310550, BE560339, AW081404, AI440080, AI097580, AA057723, BF215457, AI306438, AI984535, AA835895, AA261829, AI333784, AA504630, AA314685, AA506513, AI660313, AI369337, AA775467, AW672784, AW081409, AW245674, BE791842, AW404380, AA125833, AA857593, BF804330, BF348989, H43541, AA705660, AI336830, R38335, BE547114, AA732440, H43540, BG232104, BF594600, AA262477, AA639827, BF588468, AA917401, AA329694, AA450327, BF002621, W05602, AW605466, AA995637, AW406034, AA055082, AA249052, AI474964, AW575850, R39418, AW630350, AA502317, AI277110, AI468717, BF807015, AI380789, AA504727, AI474540, AA450328, BF807011,

						BF811653, BF811638, AA247223, AW604498, BF382264, AA059437, AL119511, AL119443, U46351, AL134902, AW392670, AW363220, AW384394, AW861889, AW858455, BE705905, AW604723, AL042450, AL119497, AW858526, U46347, AW858525, AL134529, BE705904, BF868687, AL119335, AL134533, AL134528, AL119396, AW604726, AL134527, Z97029, AC020934, AJ251859, AX030435, AX046357, AR054110, AR069079, AJ279014, and AR043113.
HOGCA79	579	102262	1 - 791	15 - 805		BG168184, AL520454, W266661, AW852195, BG025290, AV724937, BF507602, BF088108, W03095, AL137260, AB023164, AK024400, and AK025279.
HSKJP93	580	102266 3	1 - 902	15 - 916		AL529011, BG255347, BF690072, AL526898, BE619715, AL526862, AA225276, BE313356, AI038975, AI921710, AW008086, AI090281, AW069180, AI363208, BF589487, AI089610, AI347908, AW149792, BF438638, BF197170, AW169069, AI360030, BE962354, N20554, AA622048, BE645187, AI281033, AI078405, AI206446, AA234630, AI619944, BF677125, AA716397, W46238, AI363209, H57560, BF438307, AI076931, AI245901, AA232141, N50121, AA781638, AI339741, AI949284, AA587473, BF879123, AA417926, BE049614, AA039652, AA725052, AI088073, BE617041, AA873510, AI830299, AI674249, AI075714, BE301100, AI184096, BF060686, BF060708, AI143825, AI682736, AI371374, AI753946, AW517317, AA404562, Z41593, AW197868, AA039653, AI201064, AA226403, AA911964, AA936800, AA587227, AA180295, AI375376, AI472925, AI375208, AA633085, AI917575, AI796045, W46237, AA256621, AI276514, T35186, BE440014, AI022101, AA490686, AW753961, BE720795, AA490464, AW380609, AA907215, T23530, H69686, AW207363, BF088878, AI272710, BE814054, AA677846, AI887107, AI382910, AI340115, AW591579, T69837, AW883612, AI868215, AW800073, AA382930, BE931847, AA508694, BE763875, AW025790, T29949, BF917720, BE715584, AA709274, BE172905, AW578884, AI000438, T70170, Z39224, AI242350, AI242352, AA065234, BF037167, T32777, AA232682, AI362572, BF593504, AA559094, BE715507, AW591554, BF736794, AA747146, AA442426, AI498518, AA715001, AA064932, AW795338, AW795199, BE814103, AI869467, BE832738, BE832684, AW967343, AW879422, BF815725, and AL050022.
HAZAA64	581	102271 9	1 - 1012	15 - 1026		BG250151, BG030305, BE621879, BE877128, BG169415, BF315280, BG115047, BE313140, BG178675, BG250651, BE780849, BE621219, BE388948, BF984358, BE883171, AW955813, BG027461, BF978356, BG028391, BF978621, BF968789, BE313134, AV706213, BE261031, BG178287, BE407132, BF573272, BE265622, BE047800, BF111443, AI039662, AI432190, AI750580, AA181190, AI264676, BF700663, AI554856, AI373711, BF965142, AI151373, AA227851, AW248400, AI571831, AA904468, AW264035, AW263997, AA886963, AI217114, AI636464, AA902875, AW263443, AW246715, AI348664, AI660883, BE932685, AW057916, AI817324, AA464607, AI336179, AI080510, AW194208, AA035005, W73343, AA100458, AA989396, AA774506, AA100457, AA765035, BE932688, AA805569, AI400059, AA599048, AA749257, R60617, AA157856, AA570219, AI400073, AA826173, W73512,

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HSEBD72	582	102290 4	1 - 613	15 - 627	BG259688, BG256381, BG106089, BF540736, BF685406, BG258836, BF317099, BE885124, BF685000, BG119494, BG026412, BG169451, AA130162, BF338064, BF035082, BF794548, AW163397, BE887335, AW247610, AV762460, BE769830, BE769829, BF307824, BG256286, BF346899, BF035806, BE891041, BF668220, BE735421, BF346627, AV764510, BF686475, BE905176, BF965427, BE563345, AW404764, BG105558, BE292726, BE732009, BF674377, BE733090, BF978450, BF309938, BG260314, BF218394, BF699000, BE784528, BF879216, BG253332, BE907669, BG028162, W65380, AW939133, BG260576, AW406459, BG032966, BF879284, AA037254, BF669461, BG249709, BF344262, AV688291, BG025832, BG114919, BE790011, BE547194, AW605534, BF689211, BE275820, BE895300, BF794947, BE274641, AV761956, AV760279, BE617459, BF237719, BF769691, AA244342, AW802123, BE905962, BE795747, AA736559, AV660803, H19605, BF768800, AV761301, AI718292, AI801068, AV716780, BF829067, AI033692, W37563, AI805149, BF343157, BF374369, AW157339, N55921, AA308978, AW880508, BE747475, H49329, BF768932, BF738806, BE832841, AW161592, BF185152, AW796437, BE568100, AV694334, BF768790, AW057902, BE617906, BF360560, R62329, BE539858, AW665269, AV711201, R69210, BG254986, R66651, AW802172, AW881164, W38866, AV655875, AW802153, H87324, AW340407, R71144, AV688290, BF879276, BF214803, BF929293, R81889, BG120942, BE560575, AW802168, R53482, BF209485, H15764, AW802110, BF681137, AA375768, AW802147, BE077283, BF771934, H50061, BG171644, BG058508, H42936, BE077392, R48677, BE082886, AW407445, AA347144, AW802114, AW340164, R82676, D30956, T83271, D31446, AA405848, BF246844, AW583591, BE077328, AI377826, AA063466, AA371719, BF771933, AW794316, BE298232, BF376838, AA506331, AA062973, BF376632, AA374912, AA877781, AI245944, AI870352, AW361732, AA309983, AA507296, AA405806, BF770066, AW958497, BE908127, AI376668, AW080994, T86590, BF349383, AA654022, AA132472, BE694496, AI753821, AA843958, AW804272, AA502629, AW262017, AI871454, BE170840, N22675, AW902974, AI200846, AA968888, N92574, AI368783, AI023505, AW878956, AA508010, H96667, AI094436, AI222362, AW800153, AI818859, AA035095, AA844075, AW973531, BF806782, AW845333, BF807373, BF868465, AA401366, BF806177, BF806786,

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HDPYE27	583	102291 1	1 - 2457	15 - 2471	AL535627, AU117693, AU133608, AU119497, AL134742, AU133888, BG105714, AW025344, BF979860, AU133649, BE300443, AW612474, BF526063, AV717721, BG251688, AI658995, AW341214, BG170879, AI806196, BE544828, BF432471, BE869548, BF792621, AW867813, AU136996, AW471220, AI440474, BG260994, BF966796, AI969455, AV701778, AW149733, AI346272, BG166396, BF340507, AI765002, BE738221, AV662073, AV752780, BF694518, AV748898, BE549788, AI034259, BE738065, AV661976, BF671837, BE089819, BE795854, AV734070, BE005803, AV686490, AV686488, BE005795, N75091, AV662018, BE005664, BE895332, BE178956, BF242928, AI122783, W29011, AI333196, AI825897, AA314971, AV752594, BE005606, BE858054, BF130219, BF576841, AW664049, AV661779, BE005669, BF540905, AW022145, N77557, N28928, AA243776, AA165101, AW900013, BF589341, BE005676, BE005672, BE299622, BE005575, AA228021, BG120042, AA743613, BE005741, BE005737, W60732, BF952459, AI299595, AI246278, AI080681, AA926635, AA035737, AW631275, W73050, AI379933, AA228112, BF954892, BE005568, BF963753, AA082696, BF670939, BE675773, BE005736, BE005746, BF327649, AI274376, AA281420, AA243648, N27998, BF575026, BE164952, AA278973, AA410182, AA290935, AA232786, AA410201, AW630845, AI873477, AW953374, AI830057, AI026003, N43014, BE084625, AV682830, BE081358, AW900070, AI828386, N75197, W37990, AW900066, AV654432, AI282107, AA233347, N36648, AI095232, AI915416, BF363823, R56367, AV659848, D56390, BG037063, H04632, T08244, AV650468, AA130092, AW193046, AW468972, BF577350, H42814, BF790682, AA778440, H21609, AV658915, AV751826, AA386234, R31373, N37091, BE762493, BF239542, AA912662, M78700, BF725237, BF247208, AW900064, BE708290, AW007159, AA310870, AW662402, R76203, AA639654, AW999182, BF950167, AI094600, AW021634, BF737909, AI683811, AA057679, AV651954, T35315, AA053789, H12348, AA094999, BE814819, W80865, N47433, H72981, AW370192, AU145818, AV750848, T34113, BE000442, AV750781, N50027, BG057321, W07579, T31648, AI744925, D58486, T30904, N80416, AI698554, R59114, F06223, C04716, N46147, D82417, N22321, N43000, BF927325, BF029395, BE165011, AA298197, BE181257, R78803, FI2336, AA486303, R96110, AI363334, C03677, T66084, R33003, F06176, R24775, AI479455, AU144460, T16664, AI963359, AI445747, AI339917, AI500179, AI653997, AA693500, T56448, AA737626, AI333501, AI697381, AI040028, AA302875, N21339, AI467948, AI336372, T31494, N38773, AV747459, AI244054, AW663192, AK025782, AF062347, AF062346, AL135924, AF062072, AF062071, AC011497, X75687, L37047.

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HOOJQ91	586	102304 9	1 - 1295	15 - 1309	AW168960, A1768465, AA833900, AW513031, AW172822, BE047295, AW168819, A1922412, AA234667, AW167313, AW072542, AA234092, A1733409, BE047365, AU147222, AA169392, A1683793, AW150155, A1812106, AW194288, AW189221, A1042034, A1624047, A1564173, A1870263, AW192809, A1743616, BG166439, A1623851, AW419167, AW002809, AA937976, BE047176, A1564249, A1624863, A1623924, A1469088, A1041979, A1871945, A1871951, A1580123, AW205936, BE935573, A1371324, A1554903, A1625585, AA828595, A1783522, A1047564, A1745174, A1566183, BE677512, AA426189, A1826615, A1333335, A1253620, A1347565, A1248726, A1201873, BF433582, A1435879, BE674699, A1367602, AA962745, A1360271, A1417677, BF002902, BE677503, BF109285, BE045621, A1499139, BE315309, A1671362, A1539403, A1674360, BE503132, A1859468, A1301030, A1767147, AW169324, A1694531, AV754007, A1310735, AW157803, BF724651, A1826759, A1279129, A1003585, A1621336, AA827587, A1680494, BE218962, A1078673, A1672366, A1733257, AA789104, AV754606, AA205327, AW170737, A1093680, A1926281, A1619860, A1784110, AW293059, A1800270, AA283760, N25626, AA457543, AA559351, AW473664, AA828577, C75159, AW130212, A1872863, AA302630, BG166851, H46978, AW002819, AA831557, A1200964, AW512414, A1290120, AA464958, AA931732, AW979025, AA405630, A1817564, A1124945, A1478915, AA809727, AA286859, AA283951, AA829588, BF841884, BF346199, AA287165, A1278996, R34748, A1246535, AA253309, BG113717, A1923125, AW971894, BF769175, AA984914, A1370393, AA134112, A1381491, A1793281, AA115873, AA029807, H09578, BF814192, AA234721, AA252903, AA629539, BE932216, A1191747, A1669856, A1565478, AA987462, AA703946, H01491, A1955885, W81069, H17450, BF850162, AA384359, R35085, A1761053, BE963431, AA702262, R51044, R09408, AV750439, AA978001, F12486, AW867924, BE618648, AA757319, A1001988, A1935395, AA526772, H85093, AA582172, AA721397, AA552269, AA721299, AW867939, A1247246, A1453231, F15201, AA384384, BF083266, AW602400, BF940390, BE774537, AW973189, T74222, A1201095, AW867946, A1935681, A1865498, A1804497, F15194, AW977077, A1287361, AA788650, A1080317, AC008554, AC011751, Z98750, A1357654, A1158167, AF179874, A1031073, AC016678, AC010598, A1122001, AC022401, A157931, AC010877, AC007068, A121947, Z97876, AP001748, AP001629, AK022175, AC005023, AC011506, U85197, AE000660, AC002301, A121931, AC012099, A121593, A1109843, A1353759, AC006313,

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HCE4K28	587	102322 7	1 - 828	15 - 842		BE251233, BF038927, BF347465, BE255791, BG261100, BE265011, BG252766, BF237964, BF341361, BF811744, BF812225, BF812221, BF811725, BF803568, BF683177, BF811925, BF803566, BF803575, BF341300, BE710680, AI38346, BE257293, AA740876, AW247781, BG149833, BF526519, BF808322, BE266628, AI813350, AA419453, AW007022, AA159868, AI394647, AI831560, AI986018, AI391639, AA251685, AI923681, BF808339, AA159159, BE501108, AI283861, AI459093, BE251035, AW167781, N57101, AI191699, AW137364, H80556, BE736716, AW793699, BF718607, BF923554, BE466741, AI245965, AA708766, AW571508, AA251686, AA252787, W76495, BF434616, AI955009, AA419463, BF812236, BF378516, BG056211, AI003741, AI203962, AI057195, AW026970, W16577, AI376270, AI300556, W71991, AA394018, AI094017, BF811912, AA609205, AI379060, AA461579, AI421922, AA084917, AI356865, H18135, AI783705, AI127734, AI370833, T68938, AW976556, AA084133, AI191294, AI826910, BF108552, BE766920, AA679251, AI269971, BE394697, AA601010, AW883934, AW883925, BG014220, AI800716, BE671366, BE673174, AA744620, AI344391, AA632031, AI400496, BG014333, BF718567, AI796780, BF348502, BG236778, AI378507, AI744581, AU134588, AI159208, H41958, AI241187, U66879, AF021792, I63695, AR079500, AF031523, AF031227, AR027720, AR027721, AR027722, L37296, AR053293, AR027723, AF003523, AF279910, AK023420, AF279911, Z57098, AR027724, AR027725, AR027726, Z57099, AR027727, and Z57752.
HPDVY62	588	102326 4	1 - 1441	15 - 1455		BF791680, AL157538, AI610419, N76659, BF216785, AW139803, AL079664, HI5335, BE697296, BF906493, BE142894, AW797489, W32059, R55591, BF062564, BE835658, BF766768, BE546573, AV692836, R22184, T85798, BE142893, AW379474, BF687947, AA329802, BE536844, AW903869, AW903870, AW380710, BE819364, AR016730, and D50857.
HLHDK42	589	102333 9	1 - 500	15 - 514		
HLDRO55	590	102337 5	1 - 409	15 - 423		BE561708, BE397890, BE268639, BE397751, BE397790, BE269151, BE873069, BE268295, AU120617, BE271270, BE268703, BE268701, BE398100, AA334095, AW995307, AW995309, W31960, BF895806, BF931643, BF930965, BG002721, BG002138, BG002722, BG002718, BG005940, BE174438, BF819638, BE167551, BF819433, W76394, BF812079,

HVVBI06	591	102341 4	1 - 1435	15 - 1449	BG002292, BF087746, AK025337, AF034803, AK001131, and U79024. AU121060, AL524073, BE7311783, BE733775, BE798760, BE797665, BF982757, BE729218, BE728554, AV723001, AV716494, BF695695, BF242517, BE732954, BF795423, BE879759, BE732923, BE562197, BG115476, BE896076, BE562376, BE794139, BF672980, BF032401, BE732931, BE563691, BE896648, BE885875, BF213466, BE874320, BF665994, AW961027, BF667041, AW961019, BE619281, BF695285, BF184706, BF183836, BE543111, BF240830, BE270698, BF973136, AI114724, BE385687, BE787172, BF978288, BF125558, BE907607, BE391842, BF694036, BF184106, AW951807, BF212993, BF184932, BE734775, AV715859, BF573586, BF697212, BF103826, BF213045, BF701226, BF238438, BF212145, AI525578, AV710440, AV759667, AV703094, BF698530, BE548132, BE748425, BE564883, BF183893, W02952, BF685104, BF212212, BE564063, BE567314, BF028072, BF697499, BF672133, BF695461, BF664731, BF573565, BF212506, BF699650, BE562148, BE958217, AA187814, BE958124, BF695287, BF184999, AV717310, AV706418, BE567531, BE737889, BF103745, BF668704, BF665496, BF242298, BF699106, BF132731, BE566481, AV715122, BE568506, BF571371, BF700006, BE270579, BG110157, BF212115, BF668868, AV715832, AV714082, AA187818, AV714956, BF027705, BF695727, AL524072, BE250921, BE564282, BF207927, BF132342, BF665427, BF208451, BF239518, BE568083, BF184647, BF214386, BF351648, BF668895, BF029289, BF573910, BF212012, BE407757, BF248417, BF132410, BF698893, BF696699, BE563995, AV716411, BF977835, AV715099, BF155127, AA315423, BF029476, BF700327, AA011002, BF030329, BF210488, BF671021, N24411, AV722691, AW631367, BF239345, BF028941, W39678, W07050, AV750423, AA313955, BF744150, AW751793, BF029529, N79718, AA588785, N27672, BF212072, BF211229, BF211856, BF242151, AA037095, BF034657, BE960836, AA101348, BF214352, BF103884, W81499, BF239431, BF698675, BF215318, H82172, AW629729, AV761372, BF215826, AA157381, BF126109, AV756747, AV756268, BF676288, H16955, AV712613, AV762396, T32107, BF667232, BE777574, BG026950, AA157614, AV717904, BF570823, AV658036, BF239745, W40280, AV713889, W16740, BF217052, T59582, AV750431, AV685082, BE775036, BE748945, T35555, AA305434, AV707476, BG035879, AI742758, AV706173, BF701311, BE775071, BE619895, BF695315, BE569188, W24555, BE567258, W65442, BG034184, AA363213, H81955, AL037301, T34594, BF354152, T33932, Z45780, BE709223, AU133503, AV715886, R00935, BE614342, W19245, AW025087, AV755537, BF243756, R22626, T35968, AV656765, AW363004, BE613624, T49361, BF354185, BE254680, N56123, BF753104, BF748791, AF064603, AL078477, AK001768, H95940, W24774, and AA089459. BE903361, BG024522, AU121709, AL520222, AU120408, BF312234, BE280271, AL528866, BG030073, BE735338, AL529949, BE254932, BE873142, BE871646, BE889244, AW445184, AL519310, BF339823, BF944071, AW732693, BF205332, AW370642, AW246161, BE262499, AA702613, AW246057, BE314433, AW361547, AL519664, BF313220, BE280953,
HOCME51	592	102342 2	1 - 820	15 - 834	

HPDOP74	593	102353 1	1 - 1646	15 - 1660	<p>AW444787, BE514470, BE796255, BE743573, BG166846, BE561976, BE728520, F31306, R60742, AW403020, BG107429, BE883969, BE279804, BF240240, Z44022, AA356461, D31044, C04685, BE268813, BG164965, F05332, BE621018, D31192, W24979, AA158906, AA471248, BE829084, BE829145, BE930490, W04803, AA233384, BG248166, AA300610, H84800, AC011526, and AK001103.</p> <p>AL515112, AU142335, BE747636, AL519047, BG034207, AU130268, BE900224, BE797717, BE797012, BE794333, AU120518, BE741737, AU121130, BG163776, BF035644, BE793884, BG258183, BE791478, BE790974, BE744546, BE734152, BE787289, BF569162, BE744251, BE903073, BF025650, BE791225, AU122661, BE733512, BE561359, BE270507, BF984460, BF568938, BF311137, BE732820, BE253671, BE274893, BE740907, BE382686, AU131487, BE908861, BE901585, BG251242, BF317343, BG255108, BE270700, BE730619, BE733166, BE790899, BE513857, BF974994, AU143085, BE296428, BF037558, BF972271, BE562328, BE733956, BE397680, BF568100, BE548679, BF969945, BE898349, BE541044, BE386114, BE732240, BE264178, BG255263, BF308361, AL246046, BE269817, BE257703, AA928500, BE251347, BE787474, AV714041, BG119567, BG030821, BE884879, BE386634, BF308115, BE268046, BE267345, BE539029, BG258880, BE792587, BE255191, BF305594, BE560772, AA402325, A1003495, BE902573, BE295292, BE270267, BE536427, BE384555, BE397681, BG027207, AW733034, AW410847, AW950871, A1859597, BE182609, BE514319, BE182688, BE267828, BF797623, BF305378, BE562077, BF316656, BE275737, BE270325, BG027977, BE252374, BE294306, BE390156, BE389542, BE257279, BF791831, BF309261, BE280388, BE513455, BF313867, BE269096, AW079058, BE263474, BE384067, AV733594, BE895782, BE279042, AW369617, AW733050, AW473344, BF125667, AW169145, BE260112, AU126285, BE894716, AW276653, AA074628, BE277505, A1597736, BG256576, AW247190, BG121290, BF303833, BG249325, BE622224, BF312323, BE252020, BE539532, BE886264, BE256126, BF206827, BF692334, BE268057, A1859592, AA187762, BE279598, BE542589, BE265697, BE798811, BG180827, AA595282, AA081122, BE388284, BE537314, A1888202, BE901326, BE256075, BE387931, BE294099, A1672924, BF315163, BF695645, BE398080, BF983598, BF128665, BE394973, BF838286, BE206986, BE295035, AW247314, BE312949, BE542939, BE301402, AA736416, BE622625, AA402733, AA479876, BF125389, AL038991, AA147791, BE743553, AA075926, AW959817, BE567356, AA191539, AW008725, BE791264, BE259660, A1689394, BE933968, AA588318, AW238920, AA308544, BF209071, BE304572, AA189167, BG255226, AA479766, BG179204, AW247110, AA903041, A1241523, BF238540, AW406842, AA306580, AA155786, AU151057, BG249268, AW733038, BE208529, AU128829, AU159673, AW169059, AA583794, A1475144, AA081167, BE386908, AA488332, AA724742, BE297085, BF033617, BE798264, BE267981, BE149825, A1673444, N52020, A1298290, AA983274, W28391, BF209617, BF840705, AW138544, AA443586, AW966061, BF058848, AW581061, BE263571, C06415, U59435, AR035973, U87954,</p>
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HMSOH12	594	102354 5	1 - 1560	15 - 1574	<p>AL533942, AL517106, AL519158, BF969343, AU123953, BE274430, AL079359, AL516731, AU119388, AU137581, BG260794, BE729363, AU126169, BF968356, A1613467, BE891343, BE856952, A1300483, AV758159, AW193927, BG253821, BE561707, BF685254, BF025714, BF204435, BE535183, AW189984, BE615514, AW411390, AA843807, BG110117, AW130652, BF686761, BE251866, BG106071, BE866866, A1922394, BG109089, BG259964, A1201699, BE390849, BE879520, BE397528, AW511981, A1963633, BE856814, A1423945, BG031061, BE514238, BG254463, AW245885, BF797060, BE618666, BF240199, BE270714, BF237622, BE391206, BG251685, BG231965, BE735492, BF576343, BE543072, AW245627, BE874828, A1949356, AA528085, BG058617, BE542855, AA922069, BG058783, AW675410, A1676057, BE563941, BG110677, BE963465, AA586624, AW081836, BE258732, BE737235, AA578813, AW304104, A1687719, AA205408, AV693973, AA599128, A1829317, AW249959, BG167562, BF793110, BF312730, BG171677, BE537970, AA863168, W58256, A1332541, AW411391, BG179859, BE869765, BE391483, AA962825, AA192343, AA563661, A1610728, BE256347, BG149625, AA583073, W38880, BE788717, A1128002, AA862353, BF034961, AU157285, BE270231, BF126612, A1077779, BE265418, AA129387, BE408325, AU145745, A1094998, A1951183, AA868941, A1089484, AW591545, BF684418, BE397990, AW768554, BE729211, BF241282, BE866301, BE263533, BE392663, AW104917, BE793386, BF338208, BE270930, AW970516, BE794328, A1159843, A1361579, AA970295, W58431, AW078838, A1352387, BE222412, AA977387, A1922344, AW246226, A1359386, A1539440, AW007996, AA232540, AW950483, A1361670, BF970307, AL120366, A1300132, AL514702, AW009776, A1185747, AA282066, AA099319, A1939298, A1284003, A1809064, W69208, A1538039,</p>

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HOPJG50	595	102358 4	1 - 999	15 - 1013	<p>AI818136, BE254699, BE394136, AI248736, AA128015, AA128058, BE740292, BE394007, AV715517, AA181138, AA946918, BE386219, BE384197, BF115774, AA505384, AI342431, BF663605, AA421550, BE383454, BE856060, BF238135, AW327294, BF975044, BG109613, BF306933, BF971761, BF796461, BF976338, F31091, BF205908, BG059331, BF594887, AW630281, BG031772, BG059327, AV703551, AA528669, AV758129, BF965194, BE901363, AA420717, F31092, BG059237, AA622408, AA482925, AA417254, AA635583, W68664, AA651658, AA314600, AW957853, AW957776, AA825612, BE254347, AA316648, W52650, AI348852, AA991834, AA505394, AI879569, AV758078, AA187998, AA186606, BE378595, BF664191, BG167921, BF792168, AA862109, AW772715, AA314556, N90275, BF204194, BE542238, BE565986, BE733273, BF664460, BF984965, AA307087, AA187537, BG110426, BG059284, BG059404, AA640483, W81029, BF691633, W96306, AA808869, BF973784, AA653801, AV757649, AV758634, BG111334, BF974782, F32467, AV757915, BF975405, BF217288, AA775298, BF203200, BE910168, BG027738, BG171050, N78682, AA420763, AA469168, AA314013, BF033360, BE733420, AA187128, AI879186, BG033224, AA579430, BF664216, BE254952, AA654628, AA506547, F33074, BE382775, W45176, AV759520, AI735276, AA225075, AW082068, AA484856, BE393379, BE408834, AW512614, AA737195, AA838376, AI185905, BE972548, AA155975, AA147815, AI090379, AV716040, AA534263, AW440264, AI185191, AI830011, BE382375, BE563028, BF128567, AW651774, AI336250, AA541346, AI193986, AI004885, BE718987, AI598223, BE256235, AA469285, AI817453, F25989, BE876006, AW328419, AW276969, AA643777, AI735264, AV761604, AI718714, AA157591, AA960763, AV755428, AW328418, AA524595, BF971668, BE386711, F28423, BF182680, AW006688, AI140252, AI131544, AA528681, AA844667, AI193088, BE729049, BE745551, C14506, AA315116, AA181285, AI718105, AA659113, AA483568, F30622,</p>

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HDUAB04	596	102358 5	1 - 448	15 - 462	<p>BE383454, AV758129, BG031772, BF691633, BF975044, BF971761, BG167921, AW327294, BG109613, BE740292, BG110426, AV758078, AV703551, BF238135, BF796461, BG059327, BF306933, BF976338, BF203200, BF663605, BE901363, AW957753, AW957776, BF204194, BG027738, AI348852, F31091, BF965194, BF205908, BE254952, BG059331, BF975405, BE733273, F31092, BF664460, BF217288, AA187998, AW630281, BF664216, AA482925, AI879569, AV757915, W81029, BG171050, AA420717, AA505384, BF594887, BG059237, BG168189, AA314600, BG059404, AA528669, AW328419, AA946918, BF974782, AA825612, BF984965, AA316648, BE972548, BG033224, AA808869, W45176, AW772715, AA651658, AA314556, AV716040, AI735276, AV715517, BE254699, BE394007, BE386219, AA417254, BF128567, AI336250, AI342431, BE384197, AW328418, AA622408, AA181138, W52650, W68664, AA635583, AA991834, AA506547, AA187537, AA128015, BG111334, BE254347, AA640483, W96306, AA524595, AA505394, AV758634, AA186606, BF971668, AW651774, BF247412, BE973930, BG059284, AI879186, AV757649, BE378595, AA862109, BF976593, N90275, BE514672, AA187128, AV759520, AA659642, AA737195, AA307087, AA579430, AA643777, F32467, AA654628, F33074, AW082068, AV712900, AA534263, AA484856, AA653801, AV712234, AA469168, AA420763, AI090379, BE563028, AV761604, AA421550, AA775298, AA469285, AW419243, BE910168, AV755428, AV756384, N78682, AA225075, AA314013, BF033360, BE876006, BF792168, BE386711, CI5999, AI735264, BE394136, AA315116, BE382775, AI004885, AI185905, AW512614, BE393379, BE408834, BF663886, AA155975, BF664191, AA541346, AW006688, AA838376, AA507479, AA528681, AA147815, AW440264, BF229948, BE746138, F25989, AI718105, BE382375, AI185191, AI830011, BE379420, AI074436, AI193986, BE729994, AV712506, BG032569, AA483568, BE718987, AA844667, BE256235, F30622, AI598223, AI431978, AA157591, AW340929, BF214496, AI718714, AA147943, AA960763, AI140252, AI131544, AA659113, AA226596, F28423, BE297049, BE729049, BE745551, AI193088, AI749326, C14506,</p>

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HVCAA38	597	102363 2	1 - 1881	15 - 1895	AI188505, BF690148, BF026738, BE788073, BE898975, BE872049, AI435132, BE383746, BF308312, BG258166, BF694124, BE884481, BE408721, BF983315, BG117199, BE867529, BE883599, BG261272, BE547963, BE869321, BE781308, BE273912, BG120340, BE390408, BF701584, BE294796, BE254258, BE781562, BF572434, BE734910, BG166671, AI628151, BG107904, BE542491, BE513760, BF875036, BE899600, BE390388, BF573297, BF800744, AW576708, AW167495, BE737346, BG166882, BE537104, BF891446, BF691926, AI986317, BF032400, AI689319, BF978102, BE547697, BE311874, BF875033, BE251238, BF306345, AW474689, BE067396, AI818366, AA829547, AI890186, AI625627, AW406071, BF030190, AW602388, AI471529, BE729272, AI832672, AI264133, BE315337, AW602377, AI951259, AI453338, BF155219, AW194423, AV699660, AI742460, AI554203, BF735907, AW249669, BF103554, AI908534, BE926725, BF155217, BE841013, AW630280, AI908553, AA845523, BF435454, BE841086, AI890009, BG099267, BF954723, BF057338, BF155213, AI041493, AW963691, BF574098, BF993745, AW749056, AA808803, AW514103, BF241085, BE841074, BF154859, BF993068, AV697408, BF993051, BF687628, BF673244, BF993053, AA535205, AI347034, AW996038, AI802621, AA307884, BF448502, AA160676, BF880126, N78245, BG036223, AI309723, BF818130, AA127400, AA143616, BF993729, AI401183, AI040598, AW001929, BF993069, BE090182, AA325821, AA835782, AI149464, BF435381, AI418509, AA587859, AA471078, AI926581, BE709522, AI745057, AI085482, BF377218, N30249, BF829811, N89709, BF744782, AI285420, AW196928, AA429190, BF744790, AI457742, AA315417, AI083846, AI922030, AA228297, AI927340, AW852051, AI278800, AW007617, AI923978, AA682618, AA812310, AI208833, BF993737, BF842137, AI348213, BE737293, BE709835, W31768, AA932491, AI282881, BE081442, BF878066, N53008, AV710099, AI445220, BF876057, AI804562, BF741906, AW513811, AW874017, AA888890, AV744592, BF746098, AA535214, AA526237, AI735616, AW473285, AA394240, BE294297, BE841103, AW796137, AW796022, BF993736, BF876043, AA541276, AI201802, AW273423, BF800720, AW769141, BE910281, BE044038, BF154866, BE694358, AA467948, AA484779, BF724294, AW377401, AW406805, BE926713, W58457, BF673512, N51721, BF155208,

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HIBCN87	598	102383	1 - 1739	15 - 1753	<p>AL043219, AL528050, AW579882, AL528049, BF976767, BF337065, AW088366, AW953211, AA496850, BF525754, AW152013, BE672597, AW243555, BE779803, AI818186, H17775, AI653697, BE251084, R54236, AU160597, AU150608, BE208597, AA496891, AI871013, AA428540, AA349190, AW249598, BF350791, AI701503, BE502287, T18883, AI202674, AU151739, AU152190, AW732070, AI376266, BE265052, AW139928, AI299710, AI888510, BE206965, AI658535, AW341396, AA912087, BF224111, AA694485, AA432221,</p>

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HPCOM04	599	102400 0	1 - 1342	15 - 1356	<p> AU137948, BE732925, BF690153, BG110479, AI880007, BG117063, BE737241, AI096638, BF689592, BG031671, BF689927, BF981348, BE789262, AA650580, AI937557, AI375969, BE311932, BE732718, BE875564, BE796717, BG249034, AW993276, AI935882, AI827325, BF195642, AU138244, BF978329, BE901225, BF724224, BF663157, AU138853, BG167961, BF983160, AI565049, BF675056, BE735148, BE208441, AW007269, AW474581, AI811416, AW512490, BE537152, AI394457, BE908038, BE390978, AV714928, AI815707, BF035422, BF690746, AI872419, BE564792, AW261937, AW249280, AI954589, BE328621, AA167716, AI986422, AI610874, AI690554, AW027298, AA482429, AI859711, BE617557, BE268777, BF666984, BF316279, AI192096, AI125655, BE268146, BE566350, AA604148, AW872854, AA482577, AW731873, BF976473, BF976779, BE266210, BF969151, BF977031, BF037315, BE884588, AI445958, AI241239, BF217023, BF690500, AI205151, AW890146, BF968322, AA430465, BG249419, AI452854, BF211136, AI244306, BF036610, BE276002, AW406069, N37040, BE833837, AI313126, BF978341, AI984578, N25097, BE075030, AA209261, AA577325, BE617037, AW129083, BE294126, BE385487, AW248858, AI423888, BE901011, AI631249, AA825989, AI346456, AI754793, N34759, AW951724, AA721967, AA025017, AA167690, AA186691, BF572132, AI033032, AI199653, AA410785, AW628434, AW961228, AA223182, AW383561, AW130110, AA993544, AI434241, AA315661, AI148604, BF852967, AI146930, AW264131, AA402640, AW804839, AI381297, BF572484, BF214530, N44487, AW406480, AI929835, AA729986, N54517, BE294000, AA651890, AI929680, AA743236, AI200938, AI189043, AA630021, AI370316, AI344449, AI096592, BE266835, AU123048, W79435, AW238534, AA657984, AA916902, BF944514, AA223181, AA814339, AA908742, AA326149, AA402678, AV735139, AA676363, AA903484, N74250, AI028429, BF972395, AW028466, AI310990, AA210855, AI922260, AI042267, AW803870, AU157781, W01225, AA316640, AA281248, AI076387, AI816978, AA91151, BE122790, AI952588, H82713, BF733507, AW605416, AA969774, AA417613, BF851576, AA160587, BE383560, N26274, AA047620, W88589, N26413, AI871982, AA281282, N33470, AA047631, BE714780, AA747812, F06434, AA435943, AA706103, BE185399, AA223080, AI004905, R20216, H23883, F02720, W35102, AA308893, H83581, AU157386, BE710321, BF081680, AA308293, AV750796, AA312134, N76220, BF445687, N94006, AA380998, BF088514, BF055957, </p>

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HUCPU06	600	102406 9	1 - 595	15 - 609	AL522138, AI817797, BF591323, AI559256, BF056383, AW974310, W72957, AA811503, AA760845, AI089886, AI674666, BF434883, AI312117, AI671353, AI419476, AA812245, T48877, AW169965, BF112033, AI580681, AA721145, AI811882, AA765055, AA732428, AI864632, AW002193, AI24549, BE932108, BE932117, AA383587, BF589530, AW129622, T48878, W68575, AI401136, AW235778, AF083110, AI441883, and AK000355.
HPAME01	601	102433 2	1 - 1440	15 - 1454	AL040438, BE262712, AU123643, BE798924, AU143022, BG164610, BE787475, BE735652, BG254114, BF315064, BE548296, BG025483, AW043583, BF037500, AU148999, AW517244, AI017434, AI768112, AW965752, AA047010, BG057666, BE326718, BE840788, AI765202, AU152678, AA046839, BE886667, BE799653, BE873222, AI123786, BE206421, AI568134, W87554, AW007334, AW168272, W87458, AA039966, AI057398, AA649997, AI563942, AA039881, AW615376, AI702051, AI632460, R60577, AI382155, BG056987, BE884461, BF036417, W76508, AW102774, AI805104, T17221, AI582553, AI280130, AI521797, AI146735, BG055800, Z45024, AA029772, W71994, BE888112, H10997, R60630, R71392, AW590867, H06328, AW405412, T79990, AA865941, BE797440, H26530, H06281, AA310656, R72562, R46835, BE466122, R25837, BE671795, AW590690, BF059221, R53484, AI417500, BF437704, AA069571, BE463599, AA776517, AA069563, AW090661, AW771994, AI784405, R16372, AI078071, AA705373, AI245359, BE617310, AI624303, AA029771, AA379004, R32657, AI983105, Z40755, BE962199, BE729964, BG027348, AA057673, AA524160, R42317, AW105627, AI813991, BE617799, R53485, BF514051, AU125314, AI475001, BE562858, AA359216, AK025491, AL031447, AK001599, AF052158, AL109978, and AF086370.
HTTJS76	602	102447 2	1 - 3008	15 - 3022	AU118623, AL523820, AL520683, AL520684, AU123813, AU132757, BG261175, AU136445, BF035325, BE886876, BF791811, AU140005, BF577027, AI770169, AA534741, AI031962, AW264176, AI633666, AW960637, AU154227, AI400200, BF248362, BE543836, AU145138, AI128021, AA418100, BF337497, BF445849, AA418003, W92114, AV727247, BG169934, AI601276, AI271884, AW958009, AA603027, BF735235, AI128480, AI352141, AA989285,

HCORI57	603	102455 6	1 - 1699	15 - 1713	<p>N33438, AA758632, AI719696, AA626711, AW169051, AI367058, AI807645, AA025147, AI683459, AI418307, N27453, BE709892, AI801307, W73531, AI473939, AI393527, N27526, AI086555, BE044047, H98611, N40343, AI653277, AU156726, AI267316, AI8000443, AI440207, N23059, N24304, AI149146, AA639478, AI673797, AI241204, AA169836, AA927390, N70474, AA437065, AV645472, AI037903, AI620950, BG170200, AI025766, AW105671, AI037991, AI355861, AI816981, W92034, AI033936, AI537160, N36939, R59331, N34742, BE467926, AA234708, AV728508, N42636, N49175, R59330, AI351986, N34978, AA513140, AA169656, BE090132, AA423958, N41497, AI299478, AI023063, AA910291, AI264740, M78546, N62321, AA911195, N30733, BF088943, AA336071, AA025130, R67869, T87946, AI267563, H04320, N71038, W73254, Z38548, H22037, H22114, AI215549, R21186, AW384814, H63943, N28724, R35013, D62528, AA644251, AA384985, Z41971, N42412, AW440041, H63664, R22804, D79857, H98733, AA515858, AA234777, Z42315, F01492, W01936, AI079112, R49401, N50229, BF433427, N41346, BF215260, H89141, BF348319, R82508, T30380, AA025146, H04362, D81424, AA558318, BE566281, R82564, AV693130, AV683210, AI203430, BE782752, BE565731, AA025129, AA047023, BF816685, AA669655, AC006333, AK023554, D88460, E15468, D67066, E15749, D88461, and E15469.</p> <p>AL518234, AL517420, AL518235, AL517421, AU119983, BE798338, BG112454, AV707371, BG260531, AU127995, AI189917, AI921102, BF978880, BF669190, AI884858, BF027153, AW338093, BE466119, AW953727, BF979160, AU139989, BF978466, BE783488, AI183437, AI954430, BF791557, BF978243, BF025817, AW261922, BF978088, BF107349, BE075024, BE778589, AI680398, BF673817, BF978523, BF978407, BF701537, BE566570, AI768673, AI201541, BG163251, AW304397, AW183634, BF571803, AL038118, AW130034, BG170433, BE175735, BF515534, BG004699, AU150344, AI183432, BF732458, BE785549, AI792331, AI689697, BF691267, BF691829, AI792274, AU129140, BF977366, BF793882, AI743234, AA209379, BF667452, BF691937, AU134136, BF692573, BE350861, BF509852, AV731487, AW993769, BF515273, W58689, BF675402, AW338336, AI091201, BE565598, BF940666, AI435388, AI564223, AA136469, AW022986, AW951400, BF382040, AW044585, AI334655, BF977189, AI087941, W16647, BE440085, BF978269, AI954779, AW439739, BF977224, C17665, BF691699, AW589843, BF086829, AI962856, AW993713, BE813383, AA635975, T41075, N67348, AA669436, BF205542, BE840232, T40208, N55699, C01780, AW969659, W58688, BF691679, H13469, AA501438, AW627340, N88289, BG163724, AI753097, BF204709, BE827968, N88012, BE819566, BF957218, D59346, C04830, N99580, BF990912, R58442, BE009393, N66008, AI963279, AW088858, BF990569, BF691146, AA129069, AA371029, H13424, AI671008, AW000997, BG004453, N56423, BF977622, BF570803, AW270948, BF925478, AW235351, BF571561, AA095713, AA247163, BF573202, BF977815, BF572251, AA936152, BF057702, BF752392, BE930777, BF570501, AW135218, U42349, AC010656, U42360, U42350, AF028729, U42351, U42353, U42354, U42352,</p>
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HNORG50	604	102462 4	1 - 1157	15 - 1171	U42355, U42358, U42357, and U42356. BE744178, BE274321, BE313106, BE383671, BE563514, BE729652, BE740352, BG033978, BG248360, BG032741, BE740670, AU143525, BE561127, BF797790, BG030442, BE561020, BE730835, BE906091, BE906073, BG171111, AU137074, BE906894, BF976287, BE614779, BE873114, BE621312, BE410930, BE729750, BE383811, BG121217, BE274828, BE878559, BE736250, BE736253, AU118656, BE873184, BE740478, BE729020, BE870278, BE886605, BG259525, BF568720, BF182843, BG030735, BE743905, BE384736, BE744974, BE785383, BE736709, BE315359, BE559615, BF036929, BE867220, BG107350, BE908625, BE409723, BE616118, BE531092, BE736597, AW327703, BE729333, BE278823, BE389962, BG252505, BF689530, BE616384, BE262915, BE410691, BE389939, BE890286, BF238327, BE616723, BE788260, BF038061, BG029891, BE744117, BE384805, BE908785, BE870545, BE277841, AU133699, BE515026, BE886386, BE409396, BE273765, BF212230, BE276648, BE389919, BF974204, BE383570, BE615887, BG033105, BE560756, AW250667, BF797079, BE539212, BE513613, BE391831, BF128555, BE389726, BE871397, BG104348, BE890991, BE732264, BF038422, BE728661, BG253908, BE314739, BE897804, AW608540, BE281596, BE274230, BE743548, BE278548, BF883034, BE736466, AA099088, AA847772, BE281113, AW608542, BE897803, BE743161, BF691722, BG031727, BE383555, BF568586, AW327257, BF883038, BE387506, BG029429, AW391940, BE786826, AA306535, AA313239, BE730161, BE398090, AA313598, BF883032, BF027492, BG025488, BE388937, BF883042, BE531290, BF026410, AI348645, BE727300, BG169283, BF132799, BE904932, AW250243, AW328045, BF026525, BF690448, BE730155, BF664368, BE733678, BF883031, AW370711, BE389451, BE389183, AW631424, BE410538, BE868184, AA164730, BE278733, AI858094, AA115777, AA143640, BE018203, H59967, BE892674, AA113994, AA188178, AA806221, H04516, AW379616, AA188179, AA159238, AA086017, BE742544, BE894182, BE392495, R89275, AA045772, BG163664, BE385835, AA150609, AA099971, BG168643, AI797883, BF976737, AA113833, AV695868, AI768321, R55212, AA160851, BG181134, AW753475, AW407155, H69905, AA156208, AA356777, BF916225, AA326070, R34654, BF378574, AW844925, AA160718, AI912606, BF374376, BF027187, AA150559, BF755368, AW861420, BE6646387, AI401625, T74087, AF006084, AY007111, AF162768, AF083269, AC004922, AA031433, AA055673, AA055572, AA076544, AA158635, AA156347, D30865, and F08420. AI880659, AW188624, BF237771, BF667977, BE896709, BF130990, AI148106, AI991245, AI735002, AI703215, AI688209, AA628531, BE888689, AI813679, AV717668, BE277177, AV760867, W44688, AV762734, BE277509, AW955488, AV761533, BF026034, AV710618, BF971381, BF306800, AW958877, AA190982, AI612840, AV755769, AV756558, BF340078, AV762499, AW975063, BF971602, AA099703, AV701025, AI218297, BF114896, BF527622, BE257844, AV763969, BG059296, AV762924, AW156893, AI929203, AI929416, W70100, AI937913, AI879643, AW162217, AW157724, BE907116, AW157680, BE208057, AI080578,
HWLVR07	605	102491 5	1 - 830	15 - 844	

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HOPKF60	606	102504 7	1 - 1153	15 - 1167	<p>AL522806, AL530716, AL524869, AL514554, AL522807, AL528660, BE744476, AL524868, BE795215, AL530715, AL523498, BE746558, BE515281, BE732657, BF026691, BE562270, BE794244, BE614715, BE796153, AL528995, BF342150, BE562318, BE795209, BE799700, BE792917, BE619480, BF312162, BE271742, BE793871, BE561217, BE797758, BF347395, BE729940, AL528659, BE792758, BE791304, BE737213, BG120307, BE619803, BF317146, BF338124, AW170427, BE797844, BE889282, BF975387, AI085365, BG250716, BE901025, BG025112, BE873025, BE615263, BG034888, BE792059, BG254776, BE546203, BE559492, BG032030, BE743855, BF036116, BE793590, BF686394, BG122718, BE902113, BG034948, BE781511, BF127707, BF526475, BE512980, BG120775, BF311006, BE731573, BE619277, BE270019, BF684500, AI680336, BE745659, BE743493, BF115664, BE280108, BG165341, BE280395, BF973317, BG178740, BE514708, AW170278, BE879370, AW163631, AA843221, BG030875, BE732891, BF975820, BE732780, BE883748, BF697912, BE295042, AW157317, BE903040, BE386716, BE272986, BE791688, BE875650, BE260624, BE794044, AW163373, BE561670, BE272733, BE396802, BF316171, BF317100, BG106562, BE883648, AA824336, BE256051, BE269078, AI192786, BF341436, AL528994, BE902919, BE260595, BG118678, BE788586, BE270049, BE302709, AW732756, BE619890, AA523285, AW246027, BE385288, BE396967, AA933089, BE674906, BE408276, BE408481, AW673443, BE268753, BE314775, BF308951, AI591067, AA779812, AA205564, AI073973, BE397633, BE383129, BG236109, BG167939, AI027987, BF692078, BF345293, AA512937, BE267414, AI992135, AI357176,</p>

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HBDAD74	607	102510 2	1 - 1398	15 - 1412	<p>BE736801, BE969590, BF106136, AA625524, AU121352, BE897109, AA043108, AU145998, BF033072, AI936576, BF376388, AI801002, AU147185, BF439149, BG055473, AW269599, AW611722, AW952922, AW301615, BF197125, AI459912, AA926686, AW467409, BE077028, AA838345, AI093893, AA278828, AI659015, BF376386, AA838242, AW058479, AA487243, AA809385, BF091565, T03425, AV648362, D52837, AL043290, AA609681, AI250181, AA811075, AA772712, AW771863, AW090763, AU117211, AA731830, AA922247, F08952, T32447, H83659, AA731456, AA836501, Z30140, AA278826, D56794, AA099843, D57988, T99109, BF969193, N43955, BE220184, AI298948, BE784156, BF576720, D57308, T86662, AW341298, AA962369, AW935658, AA508234, AW402414, AB014566, and AK021890.</p>
HPCTY12	608	102523 1	1 - 1832	15 - 1846	<p>BE793649, BF971197, BE795708, BE263381, BE746308, BG110568, BE389356, BE797452, BE745259, BG257094, AW136364, BE294558, BE466733, BE514731, AW512259, AI333322, AA809127, BE300827, BF131512, BG258996, AW167047, AI283089, W87879, AW675811, AW418601, AU149253, AI802251, AI885862, AW181883, AW769136, AI969152, AW672754, AI825472, AI494276, AW379444, AW189438, AA115381, AI278255, BE768392, AA115380, AU125640, AW839959, AW058036, BF109114, BE535699, AW275265, AW731809, AI559688, AI283087, AI002252, BF031735, BE208171, AA679712, AW089758, AI696514, BE794062, AA853283, BE791318, AA853284, BF754628, T16124, BE074565, AI446312, BF361357, AI468188, BE464592, AW888974, AW373076, AI417732, AW386230, AW134955, AW386248, BF091908, AW373100, AW386251, BE514198, BE208475, AW372712, AW386250, AW386279, BF927794, AW372691, AW372725, BE314800, BE170974,</p>

HFASF12	609	102532 7	1 - 580	15 - 594	<p>AW840009, BF361354, AW386246, AW793239, AW277013, AW386226, AW151342, AW382754, AW749244, AW383534, AI887884, AW372690, AW793182, AW383548, AW383633, BF310492, BF081796, AW372727, AW372711, AW386261, BE265396, BE397479, BF525638, BF664199, AF098162, AK022702, AK000721, and AB015597.</p> <p>W74437, W44568, AA902397, AV707142, AI718987, AW006030, AW069861, AI937375, BF195175, AI376862, AI129529, AI140429, AI360987, W94766, AI080273, AI143504, W95201, AI313416, AA992722, AI042534, AA617676, W79083, AI613484, AI015213, AI368370, AA534987, AI721088, AI468012, AI077643, N77202, AA688329, AA551878, AI589098, W44607, AA447654, AA932704, AI640396, AI810026, H94600, AI370686, N55012, BF792740, AA428210, AA361190, AA909835, C01634, AA888991, AA584756, AV762430, AV656063, AI039089, R29258, AV762454, AI753113, BF589770, Z85986, AC006064, AC005102, Z83840, AC002504, AC011479, AL031681, AC012384, AC004834, AC008569, AC006511, AL035249, AP000031, AC008267, AP002085, AF233830, AC002425, AC004867, AP001711, AL035685, Z95115, AL161936, Z97985, AC009731, AL035407, AC004878, AC020904, AP000350, AC005098, AL096701, AC005156, AP000008, AC008044, AL022316, AC004166, AC007021, AC005488, AC022392, AC005089, AF006752, AC016543, AC009123, AC005332, AC008585, AC007425, AF001549, AC003962, AC004966, AC005072, AC004965, AC005015, AC004099, AC004906, AC012076, AC005071, AC011475, AL159977, AL163285, AC004216, AC005399, AL137012, AC018764, AL132653, AF190464, AC010271, AC008745, AC006080, AC004663, AL035086, AP001748, AC004826, AC004971, Z84466, AC005081, AC008474, AC011895, AC003010, AC005921, AC005581, U91326, AL121754, AC022517, Z95114, AC008155, AC002059, AP001435, AL138759, AF001548, AC011491, AC024239, AC006449, AP001753, U95742, AC002404, AL136137, AC002351, AC006241, Y10196, AC005815, AJ003147, AC007868, AC005288, AC006077, AC007182, AC073316, AC007957, AC007664, AC002477, AC007216, AC010618, AL109613, AC005952, AC005486, AL024474, AP000704, AC008750, AL031848, X54486, AC005103, AC005876, AL049843, AC011248, AL136097, AL034380, AF196972, AC002996, AC007956, AF047825, AL109935, AC005158, AC016830, AL162615, AP001631, AL162578, AC002302, Z95116, AF001727, AC004876, AC004859, Z95152, AL033524, AC005666, AL139352, AC002550, AC002565, AC004638, AC007597, AC000082, AL078581, AL121891, AC005971, AC006530, AC002544, AL049760, AC008784, AP000556, AP000557, AL049830, AC009363, AC004020, AC011495, AC004987, AP000552, AL109824, AC005323, AC011469, AC004703, AC006948, AL033376, AL033529, AF001550, AP001712, AP001725, AL442166, AC007684, AC002126, AC020906, AA946863, AI338775, and AW193385.</p> <p>BG250974, BG029102, BE277201, BE728640, BG254554, BG024609, BE410373, BE392289, AI149096, BE409096, BF031284, AW963265, AW073167, BF316784, BF668400, BE747510, AW955218, BE276878, BE256069, AA446733, BG180464, AW163381, AW160356,</p>
HLIBM71	610	102535 9	1 - 894	15 - 908	

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HPFDG48	612	102552 6	1 - 711	15 - 725	AI005650, AW193649, T86155, R91705, R94928, T86262, R92142, T78635, BG059124, BG059311, T79120, BG105372, BE903730, F32795, AI086235, AI304866, AI094698, AA894578, AI268640, AI081163, BE856894, AI380568, R12395, BG031198, AI708047, AI358636, AI216820, AI142089, AI684336, AA804193, AA552494, AA687862, AA507473, AA879115, AA279014, AA513429, AI571415, AA918417, AI971055, AI051704, AI937021, AA099438, AI494389, AI493513, AA948053, AA581118, AI184757, AA100071, BE731794, AI879919, AI085722, AI536966, AI591039, BF124917, AI830888, AI334931, AW008928, BE274775, BE902881, BF125296, BE281210, AA595467, BE392986, R71239, BE268783, R96465, F37009, BF818912, AA401736, AA857524, AA654076, AI620153, F21367, AA292902, AF004164, AA316678, BF845471, BE694933, BF433106, AW166722, AI866691, AI859464, BE047798, AI554343, AI521799, AI589947, AA713511, AW082623, BG110241, AI918554, AW151979, AW006947, AI889379, AI049669, AV750565, AL042191, AW163834, BF791871, AI345415, AA580663, AI690813, AW194014, BF814360, AI690948, AI866465, AI560227, AA713851, AI623941, AI801325, BE965064, BE536058, AW083804, AI623648, AW263569, BE393551, AI499986, AW055252, AW263804, AI627714, AI688854, AA761557, BE883591, W48671, AI241763, AI500523, AW088605, AI433611, AW025279, BF925370, AI491710, AI859644, AI658566, BE879772, AI023513, AI860027, AI648699, AI285439, AA999906, AI919600, AI334893, AI699020, AA479803, BF339548, AI471429, AI636507, AI475270, AI582932, AI305157, N99092, AW169784, AW827211, BG168185, AA776730, BE964497, AI445505, AI440422, AI680504, AI313032, AW021373, AA693444, AA514684, BE875959, AW081343, AI872472, AI872489, AI887381, AA761608, AA827630, AV721917, AV732941, AI310332, AI784214, BG029058, AI818565, AI868931, AI037602, AW084233,

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HOUBC29	615	102574 9	1 - 1963	15 - 1977	AW207758. AU118172, BF967577, BF038471, BF968076, AU138985, BG113380, AU138636, BF338853, AW960925, AW157343, AI816176, AI889635, BF445019, BE885689, AI744136, BF530122, BG119237, AI248444, BE878221, AU144812, AU158062, AI683874, BG116835, AI624450, BF338214, BE440173, BF797316, AW571810, AI475782, AU154834, AL042082, AI337858, BE219128, BE504350, AL038070, BF941596, AW880707, AW895457, BE884623, AA890251, AA909027, AI694588, AI832942, N21039, N30357, AI688336, AV713158, AW183735, AA994557, R60676, AI215709, BF694348, AI368355, N49119, W61023, AA021094, AI341477, AI375389, AA149772, AI139500, AI469287, AI418482, AI139493, AA252343, AA442004, AI189492, AV708972, AI186463, BF666194, AA114019, W73563, AI189609, AA400647, AA452678, AA441890, AA878305, AA229909, AA400515, AA834790, AA551777, AI342367, W90102, AI208355, HI6004, AI290964, BG152906, AI493917, AI473345, N23980, H83633, AA113275, BE819383, R60677, W73582, W05265, F06473, HI2980, T76940, BE300594, T59283, AA506611, AA813908, AA670481, AI500602, AI143512, BF931271, AW264653, AA021320, R68662, W38603, H09094, H87329, AA282469, H88423, AU133567, T80361, AA064936, AA877769, N24434, BE819360, AI248104, N48343, BE835858, T28639, R43036, AA128137, BF247027, R68715, AW514781, AA657948, BE169600, T30770, AA096405, Z40629, H27397, AA173769, F13108, T53787, R00195, R51095, AA331035, R49652, AA031446, AA015847, AA229908, R28135, BF058318, AI573285, AA883266, N59669, W24713, BE219461, AA713945, AW614903, AI075309, AI351426, H96991, AW976049, AA357134, AA341642, T59242, AI677663, Z39404, AA569551, AA173032, AA761669, AI922961, T82415, AW089199, BE814748, R26623, H87272, T82414, R71195, BF108669, AW575455, F05819, C14207, AA758777, F07580, N89983, AW517345, AA342861, BF087958, AI814443, BF087985, R54248, W21574, AI245041, N93570, AI566891, AA826567, R58569, BF576994, BF439053, F02065, AI369939, T16696, BF366429, R68143, BF965149, AI127655, Z20130, AI022549, AV655855, AV748498, AW998960, AW998961, BE958440, AA282487, AA279122, AI613526, AU128647, T31249, AA541568, AA845154, R28409, Z42873, W60890, AA551793, AA653685, N47033, H09443, AV748475, BE883498, AI079371, F04491, AA992899, R17832, N59680, R35527, AI381888, AI950644, BF131830, AA961704, AA659659, AI540158, BE172103, AI128248, AI393633, AA279241, AA772575, AU139525, AA252322, AI139343, AA782509, BE161280, AI346311, AF070629, AL137321, E02340, X95403, M28213, E02339, M35521, X68071, M86821, J02999, S48723, T61443, R38819, H97101, N20625, AA627334, AA657628, and AI242536.
HOCYP47	616	102596 5	1 - 3120	15 - 3134	AI534216, AU124415, AL534215, AU124249, BE793898, AU132166, BE792345, BG111555, AV688850, BG171107, BG028492, BF969425, AI801432, BG108221, BF338327, BF663592, BE619881, BF746890, BE731858, AW965641, BF665525, BG122860, BE003409, BE788680,

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HOVKE20	617	102599 0	1 - 2538	15 - 2552	AL530585, AL530586, BE905291, BG250173, AV704437, BE273888, AI742702, AI332375, AW965981, BE733696, BE279265, AI653228, AI823770, AI744071, AA421552, BGI65821, BF850738, AI935219, AI089481, AW025353, AI860928, AW024596, N32892, AI803496, N75101, BE207042, AA552990, AI082854, AW675170, AW262745, AW732799, AI128345, AW615487, BF593160, AW467397, AV704688, BGI50549, AI089227, AA227791, N52331,

	618	102613 9	1 - 2096	15 - 2110	<p>AW665493, AA470722, BG170414, A1288984, A1279711, BG104336, AA770336, BE048696, BE463803, AW673001, N28854, A1968289, R74502, AA492556, AV705652, N42037, A1200027, A1652413, AW236467, A1159798, BF883988, BE271808, A1571629, A1188419, A1652821, AA723320, A1655234, R72628, H24937, A1818614, BF964050, AA417274, A1219363, BE076976, A1223812, A1085024, BG014018, A1192287, H43043, R79389, H42225, A1640426, AA854282, A1057209, A1916488, A1232813, AA227956, H14559, H42566, AA828175, AA375541, A1085978, AA968488, AA470654, BF198003, BF570153, R72699, BF998953, AA89636, R79390, AA876811, A1918838, BE833769, A1453304, BF796626, A1569200, AA258582, BF155171, AA365825, H51168, AW603886, AA363365, R46195, AV733299, D31566, AA89624, BF803882, AA568792, R74503, BF848346, BF684865, N40323, U76702, AC004156, and AL050194.</p>
HODGH47	618	102613 9	1 - 2096	15 - 2110	<p>AV714319, BE245435, BF085080, BE883963, BE315412, T67179, BE731249, BE732012, AW501306, BE077539, AC007041, AF315591, and AF315590.</p>
HODBK27	619	102637 2	1 - 871	15 - 885	<p>A1949324, A1741823, A1936022, A1521629, A1831928, A1972082, A1653975, A1814061, AA910962, A1811709, AW025174, AW806878, AV701632, AA731734, A1862610, AA873562, AA195939, AA421230, AA187668, AW572118, BE350701, A1979136, AA846807, AA034130, A1025114, BE464579, AA947329, AV716043, A700178, AA039676, AW590977, A1004713, A1889534, AA173931, A1817532, A17130669, AA554142, AA025463, A1753419, W76541, AA947549, A1811560, A1620263, AA009979, AA923500, AA731843, BG179192, AA482908, AA723321, AW023989, AA009980, AA056428, N79453, BE540962, W74316, A1630489, N22616, AA313112, AA968641, A1362535, AW391946, AV703316, AW389675, AA508074, BF197789, AA923028, A1262937, AW515512, A1347796, AW386921, AW392064, BE326822, BE162244, A1440446, BE162241, AV756239, AW392091, AW675605, AA477452, AW601973, BF216423, AW006885, F03610, AA477578, AW043887, AW866509, AA334983, R38720, A1865307, A1689187, AA313113, AW803685, AW271368, A1203830, AA505748, N63156, N28919, A1038034, AA025462, AW392164, A1370254, AW002736, AW392182, BF890740, AW083663, D12030, AA370115, A1745442, AA311321, N23815, A1289078, A1074527, BF673031, AA022500, AA074248, BE882680, BE783374, A1082722, BF985227, BG112403, BE825572, BE765224, BE766662, AA026883, BE708355, BE185094, AA421229, BE939600, BE764981, BG055150, AA730850, N63214, A1869433, AA262825, AW024035, A1074531, BF672955, AW362308, A1814134, AW948438, AW362258, BF571408, AA279008, AW373179, T82703, BF754687, W79250, A1174532, BF357809, C15105, AW960469, AW958927, R29652, AF070540, AF054284, AL137410, AF130099, AX013757, and AR018138.</p>
HE8CH59	620	102680 5	1 - 3000	15 - 3014	<p>AL521879, AL528488, AL528519, AL533556, BE277263, AL521249, BF969645, BE796292, BF339523, AV688166, BE384607, BE793205, BE799022, BF341655, BE792421, BE793076, BE179035, AU120222, BF686701, BF343123, A1912668, BF516065, BE255283, BF514039,</p>

HSKGR52	621	102691 1	1 - 943	15 - 957	<p>AW369765, BF125290, BG109686, AL521880, AW749444, AW890360, AW027308, AI744735, AA843214, BF086451, BE266357, BF686773, AI077454, BE143941, AI743608, AW304450, BF339027, AW513087, AA621718, AW386240, BF983934, BE383983, BE018266, AU146348, BE384664, BE254123, AW129550, AW449867, AA143197, AW837830, AA613804, AW050490, AI695078, AI694936, AA774860, BE138732, AI334115, AI049518, BE179217, BF768970, AW780317, AI858366, AI858321, BF768780, BG014718, AW162941, BF568296, BF768915, AW898149, AI810340, AA143213, BE049621, AA884689, N29757, AV684691, AW373527, BF878173, BE179220, BE179215, BF768957, BF836601, BE164521, AW193381, H24669, AA730774, AW001661, BF224277, BF768983, AA317465, AI983366, BE263438, AW386262, AA055927, BF923565, AI185430, BE696846, AI679113, T91335, AW371788, AI351908, AI866147, AI679689, BF882409, W95695, BE142633, AW813330, H24668, AA352322, BE171435, BE171438, C21369, AW386257, AI241828, BF931704, AA055330, AI570098, BF768985, BF768912, BF769720, BF375783, AW935622, BF923553, BF094092, BF923560, AI827249, BE503767, BF992146, AW196478, BF826553, BF344463, AW821082, BF928669, BF896163, BE173354, BE154169, BF769705, Z69890, AY005111, AI404326, AK001093, Z69706, Z84716, and Z56078.</p> <p>BG026286, BE729382, BE563873, BE409361, BE392296, BE669943, BE218622, BF000652, BF433096, BE465008, BF057153, BE504280, AW027774, AI675461, AI620226, BF591621, BF510496, AI652839, BF433368, AI291296, AI809638, AI400625, AI423961, AI092358, AI681604, AW242346, AA846296, AA846276, AW410676, AI261659, AI085293, AI763186, BE504486, AI867792, AW872376, AA503813, AA962236, AI689885, BF939912, AI279838, AW243337, AI872951, AI077828, AI205630, AI936344, AA505678, AA304442, AI827344, AI301986, AI472586, AW999384, AI698391, BF032768, BF814449, BF895953, AA427700, AV755581, AI280661, AI687127, AI889168, AI677797, BF528433, AL037558, BF340323, AW827289, AI358701, AI690813, BF343241, BE964614, AV682875, BF812960, BF343172, AW129106, AI568138, AL042382, BF970449, AI582912, AW265004, AI254727, AI537617, AW083750, AI277008, BG029008, AW019985, AI365256, BG180273, AL037582, BG105895, AV681731, AW673679, AW169604, AA437338, AL037602, AV729953, AL110306, BG029829, BE769091, AI669639, BE876049, AI929108, BF873239, AI872148, AV735353, BF752858, AI624693, AI802240, AW167918, AI089970, BF751347, AI961589, AI119863, AI359787, BE962727, BF886214, AW082532, AI537677, BF792961, AW583714, AI950664, BE965121, AI335426, AI348777, AV709390, AV703585, AI249946, AL038529, BF909758, AA470523, AI591228, AI570966, AL514717, BF868489, AW827206, BG034550, AL119791, BE878989, BG107847, AL040241, AI273843, AI758528, AW081866, AV755459, AW083573, AW827285, BG113299, BF970652, BF037484, AW051059, AI670009, BF814450, AI433157, AI702073, AW161579, AI567582, BF812961, AI270183, AI521095, AW023338, AI612759, BF036115, AI889189, BG250213, AI288285, AI633125, AI570861, BE895585, BF871314,</p>
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HMUAQ05	622	102691 3	1 - 1600	15 - 1614	AL517599, BF969702, AL517218, AL534615, BF698973, BF697790, BF541755, BF664743, BF668926, BF701473, AA486504, BF700755, BF669603, BE568881, AW842409, BE567626, BF002137, BF665510, AL534614, BE958077, BE958542, BE958374, BF668130, BF699715, BF667431, BE564393, AI339710, BF349427, AA743093, AI278953, AI278568, AI571986, N68247, BE897413, AA341071, BF208801, BF665660, AI346152, BE856973, AA488692, R60368, AA626449, AW751263, AW272569, BE928113, BE928111, BE719086, AA308535, BF090741, AI590397, AI078709, N39886, AW804343, AA133234, AA970783, AA351801, BF757348, H87951, N57132, AA338145, BF196400, AL535854, AW394065, BF884379, AA314945, AA148150, BF062624, AI688621, AI096844, AI860744, AI420708, AW006666, AI358873, AA376417, AA129712, AI219397, BE142524, BE763646, AW050985, BF090738, AA376416, AI362046, AI090396, AW516972, AA309736, AL517219, AA079141, AW970268, AW970349, BE042473, AW389275, AW135592, AA557504, AI471517, AW779413, R60312, AI419556, AI805191, AA534362, N26928, and AL390079.
HCOMA45	623	102697 9	1 - 606	15 - 620	BG120722, AU119018, BF978867, BE889331, W27132, AU153520, BG113292, AW009216, BF247311, BF184156, AI630279, BE734748, AA766615, BE739013, AK001549, and AJ296153.
HE2KI45	624	102700 7	1 - 3373	15 - 3387	AL536336, AL536335, AL523966, AL530021, AL530022, AU117518, AU117962, BE747075, AU134825, BF683999, AU130396, BF000235, BE746436, AU126073, AI621215, BG118397, BG116482, AU139709, BG114753, BE612958, AV681825, AW957859, AU137383, BE742555, BE697596, AW975830, BF034198, AW957782, BG251258, BE896710, AW957937, AW813051, BE697644, BE545203, BF977953, AW271555, BG259991, BG116851, AW957783, BE697638, AV691847, AI629012, AA308190, BF056635, AI950251, BE505024, AW271945, AU152320, BF375062, BF907621, BF907553, AU152599, BF907535, AI768899, AU144646, AI300924, BE697633, AI697765, AU150350, AU154067, BF907622, BE707571, BE697643, AI560075, AW014744, AA313132, AA703214, AU151943, AI564193, AI581089, BF381320, BE858805, AL135260, AU152784, AW338106, AA505767, AI418227, BE502116, AI640554, BE350804, BE697786, BF907545, AU155659, AI767988, AI625041, AI561182, AI140164, AI811500, AI858461, BF907552, AI887429, BE539679, AU144327, AW014169, AI909320, AU152389, AI382104, AA603342, AA888065, BE178682, AI765224, BF335705, BF907547, BF907537, AI968568, AU151554, AI357213, BF381312, AI289596, N42240, AI478340, BF096000, BE746411, AA211092, BE178045, AW793648, AI244198, BF381062, BF753598, AW969744, AA455615, BF448461, BE177876, AA487115, N46990,

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HODDO66	625	102720 7	1 - 1299	15 - 1313	AW149836, AV724255, BE161927, BE795004, AW364505, AW138803, AU137429, BE799764, BE300282, AU125467, BE932164, BE786074, BE882532, AI217476, BE294947, AA070029, BE931550, AA191715, BE931549, AI655979, BG254021, BG117060, F07456, BE255593, BF351838, AL039921, BE886862, BE884446, BE547035, BE889046, BF035323, AI000877, R19564, AU124210, BF345149, F07982, W27954, AA853040, BF345081, BF982641, BE747949, BE612626, BE171987, AV749615, BF893610, AA853928, N86091, BE815909, BE836228, BE836225, BE901389, BE880310, BG026309, BE836276, BG259859, BF057135, AI609376, BE836341, BE711453, BE770291, BF573646, BE770388, BE784042, AW135540, AV692147, BE161946, BE770253, BF768674, AA095377, BG253296, BG106774, BG150448, BF374787, T04998, BE836332, BF735397, BF735624, AA089440, BE619425, BE836369, T11680, BE815921, AW403333, AW388404, BE301162, BF768681, BF735716, BE162677, BE709428, AA603744, AI983648, N56195, AA324509, AA099123, BE160000, BF105891, BE547010, N48490, AA366706, BF760099, N94256, BF677619, N83721, BE301157, AB000717, I43509, J05571, and X68836.
HVVAT45	626	102726 9	1 - 3773	15 - 3787	AL521709, AU139605, AU139786, AU133158, AV715927, BE535428, AV707854, BE882531, AI433464, BE302408, BE220521, AW612477, BG122886, BF593222, AI86034, AA480343, AI082537, AW189879, BE002782, BF675617, BE002805, AU143997, AI745058, AI379721, AA001791, AW118778, AU149758, AA001870, AI190938, AA017469, AI810133, AI580107, BF061454, AA017470, N75111, AW573126, BG119005, AA496528, AI361074, AU155671,

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HPYXK72	628	102748 6	1 - 990	15 - 1004	BE393771, AI491895, AI972158, BF035171, AI683354, AI634702, AW003747, BE394824, BE208245, BE674284, BE394667, AW166518, AA477548, AI204509, AA433859, BF223547,

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HPAMG11	631	102948 4	1 - 1315	15 - 1329	AL122101, AR054110, A81671, AL133068, and AR069079. BE747185, BF027619, BF036217, BE898878, BE879303, BF345805, BE876986, BE745122, BE742819, BE875019, AL536934, BF570276, BE875960, BF984370, BE892090, AW081666, A1832707, BE745781, AV694521, BE315072, AW250016, AW954141, AW150364, BE207659, AW957004, AU148920, A1799718, AW249413, AU148744, AA426216, A1745234, A1951260, AA448227, A1920826, BE732315, AA434128, AW150130, A1954474, AA303085, A1955179, BF314962, A1002573, AW316690, BE898908, BF032262, AW768741, A1W129675, AW190199, A1673189, A1905251, W45131, A1633410, A W733124, BF961569, A1028405, A1676122, R55621, BF033609, AW275855, AW014416, A1W193391, AA888952, AA434063, A1538224, AA088197, AA535520, AW150121, W79830, BE907265, AA894775, A1684012, R43171, AW008535, BF095212, Z39285, R71396, A1014759, W67259, BF195242, AA679644, AV709538, AA448370, BF969186, A1824709, A1032483, AU157353, AA399042, H92688, W48653, T56564, AA303084, W67405, A1598209, F10851, AA543080, A1613024, H78325, W45090, AA812293, A1927856, H78326, BE085568, AV726722, R70181, BF989514, BE093115, A1970979, BF569413, A1732820, BF033608, A1727483, A1827432, BF877350, BE275903, BE879983, BF822159, A1732766, AA385233, T62619, AW611752, T87085, A1800683, AA456124, BF091176, AA430681, AA397699, AA425986, BE799738, F31113, AA291586, AA421299, S82470, and AF211969.
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HPCQN80	634	103096	1 - 2743	15 - 2757	AU125281, AI341671, AI205964, AU125275, AI911769, BG252896, AI378791, AI031802,

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HODEI22	635	103107 6	1 - 1927 15 - 1941	<p>BE612881, AV681739, N36809, AW967677, AI819225, AI689062, AI741346, AI872193, AA282915, AW102898, AW971573, AW629970, AI950344, AW967671, AI683338, AI858509, BF589902, AI950087, AW173586, AA283144, AW150329, AW205862, AI763273, AI890387, AI653832, N70208, AI762688, AA988777, AI821380, AA488892, AA908741, AI633006, AA04209, AA293273, AI356394, AW072629, AI308119, AA251874, AI373032, AA969759, AI539642, AI564269, W01059, AW513996, AA972584, AA642789, AI251473, AW512843, AW505512, AW103813, BF886630, AW513601, AW467940, AA251875, BF993945, R97278, BF819530, AA488964, AI821346, AW276997, BF195374, AW959581, N46026, N50134, H60052, H83488, AA300207, T91721, N75628, N35320, BF196759, AI745010, AI961530, H59397, N22388, R97040, AA908598, AI002839, AA847038, AA856975, AA382351,</p>

	636	103108 5	1 - 890	15 - 904	AA251669, W37181, BF998263, BF998265, F00531, BF997959, AW276905, AA383118, F00049, R83287, AA337499, AA286854, AA908470, AA180009, R69682, T81601, T85904, W87891, R69594, R07850, D84394, AP000509, AC083862, AC009542, AC009330, AC004185, AC006047, Z97876, AL158167, AL080317, AC010877, AL357654, AC005406, AC010598, AC008554, Z98750, AF058907, AC018728, AC004707, AL356421, AC011494, Z97054, AC008739, AL132982, AF196971, AC007319, AC011895, AC018694, AC002485, AL445258, AR036572, U91328, AC012068, AC005908, AC007029, Z83820, AC015550, AL356020, AC022027, AC004985, AC003093, AC010521, AC004055, AC009505, AC008995, AL030998, AC003983, AC020633, AC022150, AP001748, AP001630, AC011604, AC016941, AC005574, AL353678, AL121947, AL389889, AJ239329, AC003082, AC004617, AC011477, AC009289, AC012601, AB003151, AP001725, AP000689, AP000688, AL390836, AL049830, AC078899, AL050332, AL035410, AC073539, AC019187, AL122001, AL160234, AC018676, AC006023, AL078475, AL163203, AL096868, AC005023, AC013735, AL359218, AL049697, AC008265, AC025593, AL118502, AL138680, AC010183, AC066593, AC013412, AC007683, AL109933, AC008760, AL021026, AC008463, AC004691, AL121887, Z84514, Z83839, AC002059, AC006147, AP001714, AP000277, AC008752, AC011749, AP000037, AP000105, AJ271736, and AL022147.
HODFZ16	637	103131 5	1 - 890	15 - 904	AU142662, AU12434, BF313104, AW296716, BE082138, C17206, AA825641, H65334, AA807120, BF948913, BF954989, BF962641, BF935143, AW274870, H65533, BG014436, AL038842, AW513789, AL038841, AA991899, AW858064, A921765, H29930, AW502949, AW150209, AW080073, AI123933, AI123922, AU144023, AU144129, BF871412, AI902170, AC007956, L40400, AB033168, AL133492, AL163303, AC012384, AL109825, AC020728, AL117186, Z82253, AC005323, AC005412, AC079603, AC008745, AC004408, AC025226, AL163246, AC010201, Z70272, and AC005619.
HWGAE28	637	103131 6	1 - 2498	15 - 2512	AL532884, AL536010, AU119158, AL532831, AU137754, BE745500, AW007660, BE275049, AU136309, BG252544, BG030152, BF969187, BE784443, BE794719, BF968474, BE783084, BE781638, BE253809, BE899520, BE778167, BE256714, BF526973, BE546562, BG259152, BE778011, AW614628, BE891232, BE731724, BE747256, BE782053, BE784115, BG250699, BE745177, BE902036, BE777819, AU137978, AI066745, BE782043, BF980330, AA573220, AW662390, AU127382, BE301322, BG120424, BG024926, AW239481, AU127941, AI091268, BE779025, AW150072, BE256841, BG056400, BE904709, BE870649, BE258984, BF573556, BF696389, AW780335, BF973777, BE256053, BE781356, BE221362, AW247473, BE782729, BE258556, BG259237, BF131364, BE259358, BF691584, BE254655, BF667102, AW247336, BF977152, AW770805, BF969017, AV689827, BE958151, BF701767, BF698305, BG109265, AU150320, BE388447, BE546560, BF571551, AL568796, BF029871, BF977578, AU127305, BE250863, AI718794, AI690695, BE253419, BE257509, AW073196, AI624284, BE254374, AU126969, AI859836, BF698313, AW196988, BF031160, BE781097, BE254505,

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HOFNZ21	638	103132 8	1 - 444	15 - 458	BF686413, AA172312, BE280965, BF027045, AW732580, AW245781, AW245685, AI922686, BE261601, AI752241, BF724479, BE278353, AL045207, BE735320, AW162793, AW239365, BE382409, BE383980, BF037301, BF308536, BE781436, BE797824, BE268521, BE262144, BE731292, BE733603, BE734713, AW663323, AL520921, AL531792, BE903671, BE903610, BE410055, BG107222, AL517770, BF979786, BE732947, BE887714, AW733017, BE391917, BG115216, BE127715, BF308038, BF314417, BE260247, BE408288, AW250530, BE735006, BE902627, BE019168, BG116714, BF795384, BE269556, BE903782, AW732949, BE268384, BE383309, BE279030, BE280838, BE382735, BE278656, BE312285, BE361530, BE734379, BE902509, BF689380, AI815398, BE792513, BE903567, BF304602, BE281170, BE262670, BE561790, BE391391, BE279176, BE735055, BE560537, BE391848, BE390588, AA306149, BE261481, BE313043, BG008258, AA223817, AA314658, AU076526, BE262008, BE382475, W44751, AW960376, BE387281, BE281148, AW083164, BE312928, BE259589, BE312581, BF316894, BE514910, BE262642, BE737459, AI123512, AF100752, AC004472, M30143, and U11760.
HOOKH25	639	103132	1 - 3762	15 - 3776	AL517769, AL520920, AL520921, AL517770, AL531792, AU125829, AL531791, AU124376,

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HD TIL 75	640	103143 5	1 - 1473	15 - 1487	AL525996, AV683597, BG169538, AV725955, AV764341, BE884035, AW953224, BE336842, AI935589, AI952759, BF030731, AI912341, BF034469, BF334207, AV726875, AW361333, AA760708, AI740664, BF876675, AW854201, AA126440, BF364260, AA126547, AW904025, AV690108, BF364253, AA374854, AA569874, AI359973, BE208051, BE781651, BF998663, AA128145, BF355778, BF734000, BE565675, Z45193, AW182538, AA424133, AI433942, AA095328, T33320, BF736750, AA505114, AI370560, AA216128, BE892492, BF365395, BG014127, AW339451, BF223694, AA069580, AA069607, AA425032, T16316, BE350697, AA722003, AA126980, AA659722, AI491840, AA282590, AA262021, W74044, W74284, Z40918, AW955087, AW135564, BF925321, AV685598, Z82195, AK000031, AF220185, AK027029, AF168713, and AK025354.
HPR SB 55	641	103145 1	1 - 2118	15 - 2132	BE740238, BE396502, BG121152, BG166305, AA725894, BE856956, BE560549, AV725381, BE788322, AI151174, AA725843, AI796778, AA631182, AI684470, AI758791, AA307128, AW517402, AW950147, AW402321, AW873141, AI131094, AW082953, AA282254, BF836375, AW629203, BE042724, BE042802, AA456796, AW593026, AI810099, AI554493, AI589210, AI681923, AA476490, AA811682, AI034159, AI005154, AA429074, BE514170,

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HPDPY36	642	103160 6	1 - 1125	15 - 1139	AI286191, AI380986, AA833766, AV685121, AI684915, AW445111, AI078315, AW409850, AI074944, AW083620, AI333829, AW410643, AA862712, AV692765, AV691674, AW630406, R28360, BF054960, BG034066, BF220235, AI951634, AA535484, AW083851, AI298559, BE222680, BF002293, AA456610, AI742128, AV714945, N79442, AU154935, AA293551, AW613671, AA745871, AA457113, BE300685, AI865039, AI421011, AI436231, AI472002, AI080216, AA989354, AA973505, AA629630, AA863374, AA953282, AI421211, Z38938, BE858784, BG033474, AI743335, AA507434, AI135633, T68735, AI521527, AA247823, AA422055, BG036806, W80729, AA337554, BE280767, BE256109, BE277425, BE277346, BE409965, BE744735, AU124270, AL521528, AW960789, AA293550, BE885112, W78830, D19872, AA011488, BG167001, BE612990, R51146, R58147, BE410071, W07812, AW242007, BF307924, BF032930, AK001789, AK001235, and AF125182.
HETPJ47	643	103192 2	1 - 1767	15 - 1781	AA910946, BE795828, AU141193, BE901965, BE797702, BE733565, BE902040, BE736900, BE901113, BE304538, BE799665, BE733825, BE733342, AW370766, AA773478, BE539912, BE280632, BE901394, BE744972, AI147187, AW612924, AW245820, AW084163, AA827996, BG171354, BG004649, BE019577, AW958909, AI654448, AI627563, AI445660, BE265415, AI925490, BE266374, BE301538, AW955959, AW370781, BE044092, AI261225, BE267493, AA444056, AU158829, AI860488, AW780063, AL521838, AW673660, BE393046, AI339998, AA662124, AA826649, AA916472, AW206617, AI082028, BE019726, AW293553, AA588398, AA781244, AA100487, AL526812, AA444074, AW732928, BG170833, AA662089, BE796246, BF984794, AW363526, AW169569, BE539623, AI619549, BE267273, AL522637, AI272817, AA099576, AA626735, AI476556, AA563618, BE880158, AW005594, BE407731, AI669785, AI694033, BF108798, AW370776, BF033906, BE280141, AA100486, AA130971, W31417, AA838073, BF817639, BE927305, AA826578, AI869910, AI694055, AW731651, AW128848, BE814008, AI285208, BF726872, AL516968, BE732800, AI813824, AI700255, AA548132, AV748948, AW374533, BF761078, BF761129, AA983604, BE410292, AW245780, AI688313, BG029699, BE172513, AA102239, AV746613, AW374457, AA337602, BE276474, BF808956, BE300492, AV746614, BF002398, W04536, AA774600, BE396111, BG012408, AA384358, BE387107, AV746731, R00451, BE386995, W92449, AA336823, W92448, AI401368, AW087441, AI269310, C06239, AA130960, AI991651,

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HMAMI21	644	103198	1 - 2234	15 - 2248	

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HVVCT43	649	103453 9	1 - 3825	15 - 3839	AL513621, BG108364, BF981991, BG251062, BE277090, AW955958, BE878444, BE733803, BG168247, BE277399, BF668085, AV650071, BE786362, BE707568, BF669676, AW972542, BF684894, BE391809, AA314262, AI698145, AI751509, BF665920, BF573738, AI751508, BF697493, BE564902, AW960775, AW582252, AI765378, AW582244, AW439242, BF665612, BF666904, BG166422, AW582251, BG057825, BG113388, AW814405, AW503987, AI309793, AI983094, AI819921, BE813900, AI889488, BF027863, AI691017, AI478725, AW173684, AI336867, AW513228, AA954665, AA770272, AI418367, AI768787, AA639199, AI633169, AI579948, AI828611, AW511444, AI923258, AI635118, AI952782, BE464454, AV749304, AI635010, AI683485, BF700402, BF792987, AW304822, AI963627, AI088904, BG028078, BF668903, BF112132, AA773349, AW129973, AA287318, BF030304, AI347373, AI278264, AA187540, AU153764, AW974355, AI373090, AI860395, AI637577, AI982534, AA130169, AI561081, AA642700, BE049571, AI637840, AW591126, BF670532, BG058636, AW304817, AW512939, AW379208, AA854659, BE541922, AW514020, AL513622, AW130866, AI624071, AI167846, AI566584, AW591196, AI984745, AA305439, BE301698, BF699770, AW591595, AW517070, AI683773, AA747281, AA451739, AA287399, BF697324, AW058417, R59469, AA255886, AA587659, AI267698, AI986135, AA488133, AI961717, AA689402, BF668997, AW572352, AA282616, AI744496, BF383062, AA488134, AI559255, AI858347, BF217682, AI887129, AI684490, BF674704, AI274756, BG114332, AW444697, AW150281, H24906, AW473915, BF512979, AA730687, AW055340, BF815344, AI472334, AW513812, AI492872, AW169998, AW571720, AW514071, BF184666, AA970450, AI288077, AI636153, AI955042, BF594373, AI858187, BE540403, AL037168, AW193022, AW391166, BE094675, AI888974, AA978256, AI189233, BE274007, H01983, AW151230, AA256684, AV657239, AI861989, AA694475, AI273008, AA644170, AV656955, F09244, H01972, H02063, BF216051, AI860650, AI273026, AW517510, R70971, BF218858, H26485, AV697460, AI873591, H13596, AA348853, AA256683, AA336954, H02078, BF675733, AI824564, AI399762, H44525, AW189754, AI565023, AW591524, T93742, BF208299, AA354340, AW571751, Z43173, AA337732, AW591124, AI275201, AV695254, AW814497, AA907212, T96248, AW297887, Z39255, AI873453, R75751, H44530, R70923, AI567328, BF695847, H26324, AA354807, AA918265, AI284207, AA336921, AA337310,

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HNTTB23	652	103598 8	1 - 4138	15 - 4152		AW118642, AW963160, AA830062, BF963752, AL120970, AI809317, BF954879, AI377642, AI422066, BF573863, AW468223, AI929415, AA171421, AA171788, AW297314, N29248, BF216343, AI708170, AW023408, AI354401, AW771073, C75190, AW593691, N47973, AI929404, AI619874, W42916, BE710356, BE180161, AA814993, M77964, AW977993, BE180263, BE180172, BE180379, BE180159, H03086, W42746, AA721262, BE180151, BE710384, BE710366, BE710376, AA082664, AW297897, AW970588, AW979200, AW973808, R81661, AW970933, AW975247, AW976008, BE003761, AA101145, AW968167, AW975409, AW975126, AW410844, AV758849, R46188, AW972298, AV712092, AW575808, BF873487, AI285651, AW501278, AW085626, BF725436, AW243817, AI567676, AI570067, BF790866, BE080768, AI821342, AV706458, AI434103, AI734193, AA455202, T07751, AW157128, AL121039, BG180320, AI890283, AI702049, BG059139, AI174827, AV759517, BE049409, AV761497, AU146789, AI734158, AI610814, AI038029, AA652675, AI754257, AW731858, AW072963, AW327673, AV760048, AI826857, AA834891, AW265468, H47461, AV683406, AA618531, AW631267, AL044701, AI002950, BF970107, AA554289, BE152006, AI889177, AI003068, BF846619, AA167656, AI884404, AW514844, H29593, BF812696, AI049999, AI620666, AI572680, AI701898, AI857834, AV763460, AI000381, BF736912, AA493546, AI174703, BF913232, AA507623, AW148821, AI732720, AI734119, AW409621, AW970877, BE744372, BF942991, BF771562, AW970064, AI433952, AW504667, AW085811, AW963552, AW029626, AW813106, AW960129, AA846014, AW576388, BG059924, AW979098, AW439224, AW337483, AU152301, AA557945, BF111857, AI821901, AI312614, AI355246, BF792103, AI872229, BF679568, BE967607, AI439525, AW839858, AW192930, AW021674, AW970875, AW262946, AW971963, AA132929, AI815770, AI547110, AV729090, AI571094, AA969564, BE246651, BF770872,

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HE8MH38	654	103670 7	1 - 3263	15 - 3277	AL533126, AL533127, AI928228, BG260542, AW170300, AI808522, AI986295, AW052146, AW440263, AW025345, BF575470, AI767642, BE786636, BF679661, BF061092, BF528772, BG120285, BF977985, AA772078, BF879171, AA858427, AW469286, AW953365, BF838470, AI554864, AI680274, BF838469, AI683456, AW451615, AI582689, BF669695, AA806625, BF209841, BF838693, AW961621, AI745623, AW614818, BF591069, AA278792, BF855142, AI075180, BF817549, AL531141, AI041921, W67223, AI831295, W86505, AA837322, AW958118, BF838674, BF838513, BE565407, BF769124, BF827053, AI699876, W03861, BE219995, BF106385, BF593586, AA251571, AW895135, AI240206, BE049368, W86438, AA236388, T75243, AI216491, AI245175, AA251003, AW269059, AI079656, AA039738, BF541202, AW269066, AA234416, AI346613, BG001183, AI474766, AA039811, AA664111, BE940534, BE184744, D60839, BE091487, AA354069, AI917547, BE184809, AI290570, H53649, AA716105, AI538089, H50150, H22062, BE940694, AW191651, AI569099, BG001168, H43509, AW361564, AA935476, H51650, T88885, R19252, AW139671, F12748, AA317063, T35484, D81747, AA045983, AV722954, R38637, T84243, D63023, AA353028, AA329162, AA854482, W27422, AA724246, H55953, T07187, AA730463, T91921, AA029576, AA367548, BF839731, AA740198, BF992584, AA322166, T91833, AA579692, AA484665, R44516, AA297306, AA029575, W67333, AV683803, R05399, R05398, AA046230, H21205, AA700200, AA764806, H51073, BF825032, BF825022, AI904358, BF087937, AA766546, AI560551, AW991849, R88372, AW991846, AW991745, AW991848, AW991856, AW991850, AW991858, AW991852, AW991689, AW991855, AW991859, AW838079, BE892310, AI358443, BE180978, R28906, AW991853, BE813259, H24553, AW991844, AW991851, AA873752, H42515, AW991675, AW991857, AW991682, BE931685, H55952, and AB014597.
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HFTCG52	656	103710 8	1 - 920	15 - 934	BE782529, BF970515, BF034352, BF343862, BF183040, BE408359, BE910261, BF125809, BF663499, BE262322, BE264972, BE314050, AV752768, BF116109, BE909920, AA411585, BF206350, BF056595, BE904868, AI066608, BF680573, AA814458, AI031665, AI290747, BG167518, BE252952, AI084670, AW955529, BE889078, AA485512, AI147480, AI186832, AI908551, AI140421, AI741421, AA512969, AI279073, AA393178, AV728317, AI908565, AI720871, AI281075, AW874059, AV745547, AI033995, AI884439, AI950072, AW856249, AA411457, N36051, AW407316, AI310485, AI434953, AI027471, AA968894, AI682083, AI280176, AI937180, AI191381, AI061395, AI246055, AI568461, H42954, AV688973, AW196298, AA477804, N95220, AW001391, AW002095, AA402550, N79656, AA402549, AI418957, AA502177, AA854174, AA954913, AI869942, N25233, N63979, AI264945, BF344111, AA857556, N25183, AA724336, AI200178, AA296690, AI262872, AI220131, AA143229, AI266423, AI192573, AA296976, AA296812, AW192188, BF221838, AA535997, D81930, AA477803, AA938296, AI205287, H93834, AW276772, AW473105, AI910113, AI263686, AA143285, N88797, AA485357, AA045562, AI682860, AA411909, N33866, AA887422, BF764144, AI559369, AA298307, AA298311, AW118287, AA298404, AA557594, AA885990, C20721, AA045563, AI915482, W21048, AA297564, AA873195, AA402737, AA303056, AW956361, AA402328, AA297445, AA082648, R97588, AV699267, AA305827, BF673964, AW602659, AA812499, AI866484, D44879, BE827119, AI475298, AI872315, AI932620, AI474699, AI804505, AI815239, AI500659, BE883591, AI866465, BG167830, AI815232, AI866691, AI801325, AI500523, AI538850, AI887775, AI582932, AI872423, AI590043, AI923989, AI284517, AI500706, AI445237, AI491776, AI926593, AI289791, BF811804, AW151138, AI521560, AI889189, AI500662, AW151974, AI285417, AI623302, AW172723, AI539800, AI284509, AI582912, AI538885, AI889168, AI440263, AI927233, AI866573, AW058275, AI633493, AI434256, AI355008, AI866469, AI805769, AI434242, AI888661, AI500714, AI284513, AI888118, AI285439, AI859991, AI436429, AI355779,

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HPDVE37	658	103730 3	1 - 1599	15 - 1613	<p>AB033884, AB047248, AB048964, AB048953, and AI475127.</p> <p>AL517808, AA875996, BG163459, BG254693, BE856373, AI356625, AI697273, AW964280, BE620690, BG032350, AI955203, BE739574, BG180539, BG118987, AI804501, AW072362, AW131876, BF439994, AW517706, BG163494, AW589307, AW474312, AV713744, AW189479, AI758808, AI671058, AI859527, AI571565, AL516527, BE044262, AI979123, AI358930, BE785436, AA903662, BE876057, AV757490, BF447142, AW769283, AI702005, BG179480, AI589797, BE855665, BE874132, BF815665, AW470124, AI608874, AW262906, BE542347, AI419415, AV733087, AW085499, AW264203, AV716319, BF594195, BG166560, AV717480, AW043903, AI589155, BG236166, BE855543, AI625339, BE349609, AW071433, AI811579, AI827883, AI038312, AA923546, BE787494, AI027551, AA946567, AI218474, AI262847, AA516112, AI250238, AI367751, AI587647, AI445709, AW190946, AI095563, AA506164, AU149505, AW449748, AW675364, AA461100, AI273385, BF342328, AI886029, AA594304, AW363586, AI765475, AA644088, BE831584, AI249095, AA954399, BE870728, BG164966, AI359314, AI362797, AU148487, AU155770, AA054986, N79134, BE698726, AW022921, AI302865, BE788584, AI347884, AI344505, AI339769, AI159818, AI191669, W68451, AI301086, BE787374, AI346633, AW864340, AW468843, AA461415, BG249206, AV733977, BF130637, AA917866, AI431993, AI346628, AA295256, AI139442, AI474061, AI263002, AI554488, AI718444, AA054987, BF350409, H97738, N28435, D20107, H50749, AA405503, N26792, N47562, R06023, AW768467, AI866248, W32011, H71749, AI355841, AI473654, BE244914, BE871289, BE870161, AI244612, AI274576, BE879080, H04403, H66230, AA872308, T60170, N62365, AV705024, AV738340, BE873741, AV701643, AV707151, R33767, AV727052, H72312, W31602, AV727574, AV703542, BF094332, AV708203, AI146867, AV745940, AV703980, AV702696, AV728282, AV709886, AV727954, AV701751, AV703266, AV649112, AV707794, AV727001, AV702222, AV727314, AV709932, AV706910, AV727238, AV703213, AA055296, AV704879, AV706425, AV725991, AV706223, H04378, AV725154, AV727583, AV653897, AV706851, AV728652, AV762632, AV702673, AW510462, AV701879, AV729473, AV707783, AV701774, AV707528, AV725380, AV701914, AV702149, AV648623, AV702354, BE881308, AV706104, AV728425, AV709494, AV760693, AV709356, AV715252, AV706925, AV761002, AV707238, AV733867, AV704954, AV705416, AV702671, AV707589, AV727126, AV733901, AV704660, AV703460, AV703591, AV711979, AV703417, AV713329, AV733247, AV733222, AV711705, AV758219, AV702851, AV762691, AV764039, AV716583, AV705550, AV713025, AV758054, AV726653, AV733212, AV702498, AV729886, X87212, AC011088, U79415, I45551, AF060171, D90404, AX020190, AX047064, AX035462, AR038855, AX047063, AX008555, I44681, AR088705, AR062871, AX026824, AR017907, AR070327, AR091393, AR079804, AX032758, X81969, A25909, AR062872, AX026823, A85395, AR062873, A85476, AX009487, A20702, I18895, A20700,</p>
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HTLES74	659	103743 8	1 - 1599	15 - 1613	<p>AI684972, BF970837, AW967038, AU159484, AU158471, AA057647, AW500380, AW249504, AW151743, AI424975, AI432337, BF871652, AW084843, AW304447, AW967331, AU148765, AI394403, AI191900, BF871649, N25336, AA133457, BF382784, AW505227, BF871644, AI914725, BF955103, AA921789, AI783706, AA057623, AW469146, AA916229, BE699490, AA729783, BF955104, BF847243, AA458940, AI336273, N31450, T07500, BF744969, BE254288, BF350930, BF744962, AA010526, BE041426, AW873536, BF350929, BE256648, BF874285, AA317055, BF847242, BG104716, BF993827, AW592168, BF876061, BF869452, BF744885, BF869451, AA010440, AI133456, BF874364, F37928, T28450, BF377173, AA768679, BF350954, AW250269, BF350936, AI905327, AU125009,</p>

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HCORG51	660	103748 0	1 - 1018	15 - 1032	AU119606, AA203703, BG108259, BF727003, AV723401, AV727538, AL037022, BG121673, BE906082, AV701409, BG104741, BF207530, BE888688, BG165717, BE865783, BF969520, AV693876, BG121030, AV695442, BG105351, BE906390, AV718109, BE256706, BE905199, BE783245, AV761845, BF213371, BG163570, BF695449, BF666653, BE787708, AV759701, BE257704, BF033701, BF978876, BF212445, BE440070, AW960900, AV696961, AV759933, BF940791, BF698481, BG107691, BF696419, BF032594, AV714540, BG032718, AV713922, BF208342, BF207835, BF698120, BF132136, BE878507, BG171285, BF666631, BF184845, BE564620, BF028256, BG114143, BE566319, BF665952, BF207537, BE787664, BF701660, BE712409, BE254967, BF212224, BE566364, BF668687, BF103822, BE568143, BF794294, BF028300, BF668049, BE535212, BF210210, BE564454, BE566504, BF669748, BF028425, BF132549, BG034568, BE973714, BF211605, BF698186, BF699327, BF129935, AV692292, BF790799, BF668313, BF207538, BF219102, BG112005, BF574192, AV695884, BE568054, BE865575, BF028080, BF669285, BE866162, BE564560, BF696430, BE564680, BE566998, BF697745, BE880760, BE537699, BF701632, BF031304, BE568246, BE567433, AA641037, BF666925, BF245842, BF699104, BE568260, BF698609, AA207275, BF028127, BE617095, BF687636, BE866547, BF029228, BF211122, BE565384, BF028659, BF666787, BF215598, BF106334, BF207508, BF662895, BE568342, BE883681, BE958125, BF209000, BF238831, BE712313, BE865640, BF207801, BG113857, BF701484, BE564339, BF666262, BF207800, BF212545, BG170382, BE379878, BE565403, BF208434, BE738903, BE960617, BF130043, BF701314, BE566626, BF696841, BE567001, BF676340, AW956412, BF207487, AW951764, BF028632, BF679913, BE565908, BE866051, AI878922, BE565841, BF028356, BG116048, BF698480, BG115367, BE568736, AV748606, AA777569, BF028533, BE538069, BF029283, AV711633, W74771, BF132067, BF028876, BF698815, BF184604, BE568628, BE866343, AV709365, BF540906, BF668983, BF670020, BF029074, AI313152, AI184824, BE568240, BE866165, BF669919, BF241599, BF211931, AW327264, BF132599, BE958387, BE566452, BF668437, BE958229, BE866608, BE568941, BE567143, AW405776, BE675095, BF208507, AW575329, BF698858, BF670050, BE567222, BE712302, BF106197, BF571150, BE567991, AI204563, AI971724, BE865853, AA143061, AW089921, BF790681, BE566909, BF213189, BE865841, BG117885, AW886459, AI879014, BF126080, BE712495, BE565381, BE866555, BF700114, BF240137, AI057602, BE881428, BF028741, BE674885, AA187900, BF028038, AI041813, N36393, AI146925, BE568390, AA314926, BE866414, BF699470, AI362989, AV714019, AV753726, AK024823, AC005000, AL031983, AC006137, X99585, AL031133, AF067824, AF067825, U89439, AF067826, AC006349, AC005193, L76416, Z98050, D16928, M84340, A74359, X95225, R09273, T78786, R06047, R13312, R26309, R34095, R69222, R69651, R69665, R87091, H54579, H61278, N27572, N32723, N42456, N44268, N45944,

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HPAMM72	661	103834 4	1 - 1192	15 - 1206	<p>AL523860, AL523859, AV703581, BF313932, AV704094, BE744272, AI245953, BF311083, AI580046, BF978105, BF342774, BG029876, AA548201, AA587134, BE384153, AA502785, AA505568, BF686716, AI754704, BF568187, AA526489, BF206736, AI360872, AW170479, BF125063, AI342198, AI871437, BF980574, AI620169, AA587222, AA533190, AA252926, AI819060, AI809628, AL535314, BE266496, AA477334, AA905992, AA548308, W52644, R53008, AA479767, AA740293, BE389423, BE889935, AA888511, BE895691, T69762, AA953866, W79885, F24264, AI186365, AI126858, BF972617, AI684622, W56615, BG163811, AI936781, F34518, M77988, T70747, BF195437, H83737, BE840210, AW865827, AI857330, BF591148, AA542905, AI21596, AI984543, BF879344, AI354365, C01187, BF939223, BG057040, H54505, AV742672, AI524233, N56117, W74271, AA054732, AI005431, AI937336, W05721, AA054739, AA559928, W25472, AA304771, R71745, BF910578, AW607220, AA879033, AA886134, BE696657, BF807135, AW605383, AA345944, BE840003, BE696656, BF910040, BE830322, W56645, AW768898, T50922, BE727589, T50763, BE770117, BF354989, BF858481, BF858460, R28237, AA338136, BF858399, BF858463, AI005445, AW800087, BF858469, BF858479, AW118596, AA568270, R70173, BE811961, BF896188, H54417, R29460, W25064, AA507070, BF799694, AI459675, BF796413, T85523, BF743421, BF002186, Y07604, AF086133, AF288690, AF153451, X97899, AL359622, AK000432, I48979, AL121656, AL390167, I48978, A93016, AK026592, A08916, AF116639, AL137527, AL389978, Y11587, AF116602, AX046603, AF118070, S78214, AL157431, AF116646, A08913, AJ242859, AF130075, AL442082, AB019565, AF130104, AL117585, L31397, AF090900, AF079844, AK024538, AR079032, AF125949, AK026865, AK000618, AK026504, S68736, A08910, AF118064, A08909, AL133640, AK026651, AL359596, AL117460, AL080127, AF130059, AL049938, AB048953, AK000212, AF219137, AL050393, AL442072, AX026824, AX026823, A58524, A58523, AF116691, I89947, AK025958, AB049758, I89931, AL122093, AF113013, L31396, A12297, A08912, AR087170, AL110196, AL359601, AL110221, AL117457, AL133016, AF113691, X84990, AF116644, AF119871, AF242189, AL356278, AF090896, AL080060, AK025391, AK025484, AF104032, AX005848, AX005804, AK025491, AF130105, AF119878, AK027204, AF017152, AF090934, AF119894, AF225424, AF116631, AL133606, AF090943, AF218014, AK026608, AF090901, AL133113, AL389982, AL050277, AL162002, AC005992, AK027113, AL162083, AK026086, AK000445, AF183393, AL122098, AF113676, AF138861, AL050138, U35846,</p>

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HKZAT03	662	103837 8	1 - 1603	15 - 1617	<p> AF792181, BF568681, BE619353, BG120390, BF342481, AI401034, BF568988, BE789895, BF732947, AI767382, AW006326, AI355164, BF338223, BE045924, AI285633, BF591104, AI867456, AI887701, BE785287, BF594321, AI521603, BF568589, AI281806, BF594332, AI569158, AW469163, AI638344, AI201771, AI733579, BE042478, AW193431, AW083891, BE502258, BF674772, AI672802, AI952107, AI916027, AW263735, AI924871, AI655323, AI677970, BF941149, AI970251, AI347252, AI564712, AW089701, AI539116, AI420801, AI916004, BE620014, AI672004, AW290972, AI247014, AI680300, BF438612, AW629833, BF196599, AI281880, AA602320, BE857125, AI571084, AI560534, AI920823, AW194360, AA558959, AI655096, AW089651, AW593434, AA583786, BF877451, AI886225, AA838252, AA583313, AI910048, BF036691, BF875572, BF588571, AI962356, BE939501, AW378134, AA653417, BF839820, BF898669, BF809758, BF834908, AW748237, AA102207, BF884829, AI950970, AW272114, AW087229, BF880457, AV688379, AV693534, AV693525, BE001970, BF827682, AV689604, AV692641, BF829604, AI081643, BE939633, AW177785, T29204, BE078144, BE618452, BF664598, BF878235, M63193, U62317, M58602, and S72487. </p>
HDQMA85	663	103871 7	1 - 342	15 - 356	<p> BF978123, AU126584, AU128622, BF978806, AA495935, AA418533, AV711446, AA193327, AV710174, BE566462, BE892207, BE569126, AV650111, BF208049, AV655570, BF571579, AV658440, BE566177, BE380088, BF207671, BE564660, AV659224, AW953008, BF126703, BF681495, AV706080, AA136159, BE568578, AA365223, AV717432, BF037095, AV706188, BF969419, BF027969, BF678845, BE294140, BE819432, AI557092, BE315019, BF542097, AV716266, BF104989, BF207827, BE565709, BF131739, BG167404, BE894162, BE565661, AV731171, AA150864, AV730529, BE568671, BF691161, BF674527, AV705301, BE569149, AI525586, AV702978, AA421976, AA314967, AW607134, AV707255, BE566620, BF572994, AV723383, N79705, H24621, BF675294, BE568676, BF031287, BG168685, AV710104, H49331, BF207548, W01244, BF031139, BF573093, BE618995, AW804379, BF132984, BF030537, BE971095, BF028510, BG167791, AV705177, BE005667, BE568441, H83043, </p>

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HVCCQ82	664	103871 8	1 - 960	15 - 974	<p>AV711446, AI810249, BF969419, AI146338, AI553922, AA629296, AI819787, AI220117, AV706188, AI961682, AV659224, AI857837, AA418533, BG167404, BG167791, BF035310, AI888793, BF038148, AA929054, BF037095, BF339479, AI718455, BG179179, AV731171, AV702978, BE564660, BF032642, AI749637, BE380088, AI814264, AW166965, BE894162, BE064379, BF104989, AU128622, BE892207, BF978806, BF207671, BF028516, AV710725, BF207827, AW439768, BF031139, BF027969, BF976854, BE568671, AI560688, AV705301, BF572994, AA928210, AI304964, AV655570, BE819432, BF027792, BG168907, AV650111, BE867757, BF691161, BE005667, AV658440, BE005665, AV710174, BE866538, BF675491, AA418380, BE005609, BE315019, AW571549, AV717432, BE005612, BE974177, AI400738, AV723383, BF037132, AV706080, BF031287, BE565661, BE568676, BE568525, AA887452, BF571579, AV707255, AV716266, BF542097, BG168685, AA493733, BE566620, AW471079, BF675211, AA991294, AA421976, AI089943, AA629674, AA193327, BF028510, BF207548, BE565709, BF594181, BF674527, AW950043, AV700927, AI218371, BE618995, AA629649, AA194110, BE926908, BE926907, BF573793, BF132984, BG180562, BE926888, BF196688, BE926886, AI198508, AI126514, BE176759, AV705177, BE176757, AI073726, BE568441,</p>

					AI168758, AV707733, AV706506, AV707657, BF197070, BE176763, BF678845, BF031968, AA629656, AI338921, BE566177, BE176741, AI674938, BE926885, BF126703, BF573093, AU150878, BG030727, BE565064, BE176754, BE176762, AA437280, AW950042, AI085786, BE176755, AA633132, BF030537, AI342447, BE926884, AW384129, AA652531, AI433152, AI281295, AI087072, AI281153, AA578595, AV725700, AI148621, BE569126, BF245521, BE926895, AI368007, BF573748, AW069054, BE294140, AI620350, N51899, BF540919, BE565440, AI620364, AI557092, AA94396, BE176760, N54787, AI525586, AU126584, AA991209, AI280197, AA136159, AI346309, AI338121, AW953008, AA573976, BF675294, AA804572, BF215610, AA495935, AI167365, AW802465, AI340135, AI084449, BE569149, AI080691, AI267984, BE005748, BF681495, AW819657, N31499, BE005739, AA935468, BF083036, AA495936, AA948663, AA150864, BF208049, AI568933, BF978123, AW148701, N48996, AI467868, AA313140, BE568578, N75712, BE865993, N48254, BF248339, N62757, N79705, T27850, AW802461, BE160096, BE566462, AA632823, AA150692, BF027825, AA954788, AI383720, BE866404, AI926052, BF208468, BE564539, AI915737, BE047685, AV735909, BE971265, BF209509, AA524864, AA314967, BF571313, AA708346, AA927952, AW607134, BF027744, BF131021, BF350811, AW015498, AW802458, AV730529, AW899998, AA194837, J03746, AC007528, U46498, U71213, AB000884, D16947, AF092926, U71211, U71212, U46497, U71210, T71319, T71465, T87001, T91011, R09523, R09636, T84587, T86061, T95664, T97634, T97635, R01852, R01853, R37035, H24584, H24621, H28556, H28570, R99952, R99953, H49331, H53334, H53333, H59379, H60037, H66283, H66837, H66880, H67714, H82824, H83043, N45718, N58003, N58434, N68575, N74240, N78024, N99964, W01244, N90387, AA120994, AA126672, AA127034, AA136337, AA136422, AA483118, AA557776, AA602799, AA937149, C00783, AA629202, AI247247, AI418720, AI185358, AI250750, AI536893, AI831510, and AW293505.
HTGFP54	665	103891 5	1 - 515	15 - 529	AW379160, BE179734, BF753109, BF919364, BF590555, AR086625, and AL080156.
HBODF41	666	103901 7	1 - 4077	15 - 4091	BE693712, BF726185, BF941211, AI609957, BF434424, AI133086, BE743297, AI818455, AI963505, BG035390, AI283400, BF000643, AI807136, AI540580, BE710218, AI923919, AW511536, AW961955, AI673369, BE709764, BE299414, BE938907, BE297587, BF941386, BF083301, AW949326, AA936302, AI119560, AW028717, BE092064, AA838701, AW192115, AW297210, AW467440, W77767, AI246894, AW389733, BF083304, BE764961, AI570849, N92501, BF882462, AI168120, AA262479, AW367902, BE815293, N34800, BE932159, AW085775, AA195510, H97700, AW368180, BF854061, BF882455, AW368217, AI768309, BF822787, BF516377, BE392838, AA417905, BG005722, AW372530, AI334431, AI400483, BF847440, AI580089, BE744768, AW368048, AW368218, AW368174, AW368042, AA131826, BF447574, AW368025, AW368163, BE714741, AW368040, AW368044, AW368047, AW368168, AW368170, AW368212, AW368215, BF349645, AW368045,

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HR0DW53	667	103906 8	1 - 2522	15 - 2536	BG109975, AU119642, AW967929, AW195340, AW444826, AW976269, BF433231, BF447675, AU158960, AA947277, AA722891, AW009448, BF055991, AI420841, AA256747, AW377666, AA731773, BE503026, BG055294, AI565025, AI927332, AW389598, AI336337, AI494131, AA808216, AA947279, BE222247, AA825545, AW452410, AI651452, AW292860, AW377657, AI867450, AI216219, AI243363, AA812208, AI573209, BF108712, AW367969, AA908226, AW367976, AI458531, AW389617, W93316, AW079969, AW002549, AI467887, AA749144, N24875, AA256877, AA262505, AA766428, AA811313, R83301, AA778771, BF111381, BF542145, AW965704, AA682799, AW183953, BE047426, AW243205, H58733, AA931058, AI246223, H69591, BG002169, AA973454, R83395, AA419509, H69785, N36294, AA299701, AI803225, AA299702, T03865, AW471034, H58344, H75668, H59592, AA812777, BE710950, T77893, AA411001, AI825279, BF759989, AA354797, H65620, BE710953, AA677816, H69023, AI886081, AW296622, AA255868, AA255471, AA648958, BE705831, W93427, AW183272, AI203101, AA815060, H65619, H67272, AI218105, AW811839, H59593, Z38443, F05460, BF909126, AW798987, BF909992, BF909906, BF909207, BF909130, BF909585, AI634666, BF909216, BF909121, BF909974, BF957214, BF909575, BE788762, BE181731, BF909165, BE930530, AI208005, AK000399, AL161757,

HPAMC60	668	103929 0	1 - 2977	15 - 2991	and AK023885. AL535865, AL516512, AL519227, AU141054, AL516511, AU126040, BF967988, AU137295, AU142956, AW963033, BE788012, BE889992, BG035178, BG027055, AU117071, BG258905, BG261070, BE061938, BG258982, AV702215, AW274900, BE217870, AV759936, AW959659, BE540470, AV696955, BF686672, BE538326, BE549733, BF999549, BE549916, AU146938, AV717743, AI160190, AI264123, AA775397, AA902465, AW408479, BF381555, AV753562, AA845453, AI567675, W19918, AI371771, AV714671, BF237716, AV705505, BE707637, AU143994, BF033922, H98061, AI129280, AI436219, AA131605, AI337194, AW750293, BE252519, BG025834, AI808533, AA165080, BE813720, AA314539, AI762629, BF243023, BF059565, AA824288, AV751773, AV763024, BF476697, BE002625, BE466846, AW339504, BE870697, AW172809, BE002808, BF306735, AI028509, N78438, AA165100, AW438902, AA702977, AA934039, AA772387, AI305175, AI969645, W31697, AI079414, AI140124, W32150, W00679, AI298102, AI298271, BF244067, BF746273, AA533788, N78878, AI818253, W56864, BE669492, AI468435, AA227473, AA150886, AI082614, AA888217, AI079958, N90337, AA316647, BF967264, AI083708, R19848, AW075617, N99923, N62347, N90737, BF216915, AI081307, N33210, AW513369, W39443, AI051901, N22977, AI128862, BE252097, AL526658, BE960874, AI366857, BF195491, AI968452, AI093068, AA488414, AA625429, W03474, AI767826, BF886626, N62714, AA844432, AI510771, AI339129, AA977275, AA917896, W77845, AI018089, AA808772, R23594, AA488552, W05350, W06854, AA558790, AV710092, AI590102, BF431526, W15351, AI560407, AA863422, BE671096, BF665098, N79109, AI086695, AV749542, AI246615, AV759463, N99916, W72121, AA226732, AA767460, AI220982, W06941, AI382792, AA844288, AU157116, AU155983, T59679, AI278098, N40268, AA456488, H09416, AI863558, AI300271, R71572, BF031544, N31015, R78812, H95034, AW205368, H78637, AA164685, N41923, H09357, AA854381, AA700449, H96313, R26150, BE925306, H06438, AW901748, AI669872, R77046, N91264, AA725325, R81582, H93997, AI090659, R79310, BE167655, R34212, AI186457, AI470782, AI591349, R79674, T85462, T99588, R81331, AI985095, N55580, AA369712, BF738882, AA009877, Z41909, T82168, T71401, AA708919, T83949, T50395, AW518427, T30640, N32393, T52657, AI191207, AI382962, N90421, R76884, AA164538, AA670114, T71267, AI572199, W32002, BF242166, AA876634, BE180993, AI719049, R30987, W25298, AI917594, BG011640, AA724702, AF121856, U83194, AK021456, T52656, T59815, R08686, T85364, T85403, R34329, R45949, R45949, R79863, H06174, H78585, N63268, N69012, N77082, W25292, AA131531, AA150778, AA738250, AA948725, C01143, AA094683, AA678747, U48336, AI042230, Z38204, AI678470, AW137248, and AW198143.
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HOUDK70	670	103953 8	1 - 1597	15 - 1611	AL526552, AL529569, BE300326, BF343474, AW173245, BE907221, BF526703, BG117100, BG118993, BE731203, BE536398, BE563511, BF307443, AW748479, N36307, BE789360, BE297472, BE737167, N31152, AL039679, AI911101, BE884203, BE734924, AA447600, AA447576, AW894544, AA448099, H49186, AI940110, AI752657, H05170, BF764050, BF750545, H58569, AA448075, AA157923, T08301, N42794, AW607899, Z19259, T10191, Z45841, F12064, BE247381, BF088793, T66334, H54538, N40492, AA376319, W20031, BE244355, AW238940, BF921416, AW843056, AA345246, AV689784, BG168733, BE247386, N26944, AW604060, AW843060, BF303785, BF885765, AA345389, AA789333, AA339151, AI492232, W30828, AV660518, BE909958, BF935407, BE870969, AA099601, BF969573, BF917262, AW366426, BF757047, AW607378, and AF091083.
HCYBI10	671	103957 9	1 - 1702	15 - 1716	AW962356, BE882875, AA446378, AI912345, BF686233, AA903395, AA305361, AI262837, R51262, AA325695, BF756552, AA502360, BF436343, AA341377, AI383206, H95839, BE926588, AK025718, AF078165, AF205888, AF205889, AF017757, and A98521.

HMEFK29	672	103965 2	1 - 1038	15 - 1052	BF855430, BF856260, AI097372, W76417, AW351543, W72789, AI497996, AI201242, AI239673, BE504020, AI125890, AW384017, W94549, AW204883, AA063004, W81183, AI359730, AI698103, W92622, AW665053, AA075526, BE671677, T58604, AV705531, BE780808, BE503247, BE505011, AW955391, BF743760, AW050613, AW135973, BE908855, BF056323, BE551179, AI871753, BE549759, AA075583, AC002398, and AL137752.
HAOSK79	673	103966 3	1 - 756	15 - 770	BG032338, AL525292, BF796384, BF692056, BE745991, AV716068, AI569781, BG029520, AI052735, BE893878, BF797308, BE888132, BF979000, BG178102, AA781104, AI571797, BF976824, BG256579, BG104520, BE544942, BE865636, BG029828, BF033701, BE261824, AV760223, AV757406, BE564641, BG117456, BG030351, BE899066, BF103712, AI598181, BF687712, BF984230, BF184810, AI870484, BG032825, BF695460, AW957275, AW874587, AW515957, BE866479, AI073718, AA203476, AW575580, AA781338, BE895698, AA706787, AA436999, BF571031, BG030598, BE894780, BF185164, AA081272, AA007621, AI187853, AA075073, AA007646, AA705320, N93408, AA039876, BF516104, AI037954, AI970768, AI192508, AA861023, AI140876, AI698655, AA081273, AA405947, AW272792, BF694018, BG034515, AA041520, AA812948, AA442827, N93319, AI362866, AA075235, AA476952, AW261964, AA074947, BE904476, N53693, AI302602, AA992412, BF685238, AA405385, AA033949, AA075247, R83062, AL525252, AA430032, AA477063, N55467, AA555210, BF036251, H64056, AA772482, AA287547, AA430241, BE184054, AV758639, BF983295, AI445235, AA764752, AA287855, AA780128, H58693, H94652, AA960936, AA314652, H52308, BF218627, AW023686, AW750100, H90483, AW082280, AA627719, H77520, H77519, H60872, R70335, AA055312, AA055311, AA404964, AV734433, AI338258, H60873, H58303, H67960, AA644227, AI185954, H67633, H66113, AA693507, N73057, H64006, AA405133, H66067, H90427, BF979261, N51912, AA286786, AI933075, AI811894, H82677, AA806062, AA287854, R93232, R93114, AA380236, H82417, H52544, BF965661, H67910, R83011, BF037529, AA352192, AA287672, AW750040, N23584, AI498735, BE391888, BG105162, AA383595, AA249470, H70200, C21248, AI910658, AW796237, AW957287, N76842, BE328455, AA033896, AW602820, AW404603, T25511, AW796097, AW796134, BE972716, BG032865, BG033115, AW796271, BE540031, AI346766, BF033757, AF095287, AI223953, AF075242, AF062649, AF200720, AF200719, AF095289, AF179298, AF095288, U73030, AF116538, AF071209, AF167561, AF167563, AF167564, AF167560, and AF167562.
HPDRV42	674	103968 9	1 - 1739	15 - 1753	AL533202, AL535156, AL517887, AL533596, AL519304, AL531833, AL513982, AL531770, BE799237, AL517032, AU117426, AL533161, BE797596, AU123247, AU141035, BG163895, BG109757, BE396435, AU126498, AL517886, AL045490, BE799456, AU123454, BF038993, BF984427, BE881609, BE905177, BG034215, BF793209, BE871282, BG122256, BE905819, BG168462, BE879496, BF340027, BG165885, BE745016, AV694660, BF968093, BG167333, BG121075, BF526083, BF526778, BF917367, BE269926, AW168896, BE158012, BE407984,

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HOPJD35	675	103970	1 - 2687	15 - 2701	<p>AUI30672, AU118875, BE741906, AUI30252, AU132148, BF182993, AU123320, AUI32352, AUI38796, BE778256, BE780163, BG169282, AUI39031, BE616414, AW027586, AV718137, BF973967, BF700458, BE784615, AUI29813, BE890390, BF315440, BE272979, BE616667,</p>

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HTFNP84	676	103974 8	1 - 1470	15 - 1484	AU131060, BG170335, BE874646, AW965920, BF103784, BF132717, AI916675, BE542516, BE545072, AU126699, BE925786, BE542794, AU153996, BG249086, AU128730, BF688040, BE871409, AU133302, BF695692, AA172248, AA279942, BE565526, AU118039, BE696974, BF754790, BF028759, BE865874, AA301103, BF978940, BE141444, BF669829, BE563965, BF185183, BF211791, BF216245, BE005656, BF758436, N85422, AA327978, AI540751, AU127595, BE080860, AK001323, AK023267, L11316, and AL137710.
HTHDT76	677	103987	1 - 1794	15 - 1808	BE547763, BF879014, AA150271, AA150373, AI148532, BF223784, AU135981, AI038383,

	678	103989	1 - 4229	15 - 4243	1	AA531267, AI312037, BF821347, AW965335, AI140089, AW452803, AA682501, BE872541, AW662878, AW770771, AW439534, AI381570, BF821363, AA970102, AA779623, AI038035, AI868009, AA971575, BF347476, D80461, AA961477, AI335837, AI493492, AI687632, AA845551, AI654283, W61187, AA292494, AA187340, AI042098, BF346650, R74352, AA034340, H28476, C18195, AA292444, AA367472, D58763, AA235510, AA236696, W61186, AA654986, R74450, BE671432, D80826, AA136291, C16956, C18768, AI867623, W93156, BF885873, D80825, BE782260, AW966825, AW364460, AA317894, BF883178, AA333179, AA033633, T12358, BF845968, AA843749, AW581108, AW581302, AA654213, AW148433, BE549948, BF842800, BF131729, AW935999, BF115084, AI538722, Z78307, AW450031, BE795270, H39970, BF229287, AA188465, AI677651, AW579159, AA533106, AA814679, AA747679, AA250744, AB002335, AL117404, AK001876, AB023228, AL080133, AF215937, and AL355094.
HSYEC21	678	103989 1	1 - 4229	15 - 4243	1	AU127302, AU123126, AI337321, AW088492, AI984023, BG105936, AI989481, BG115461, Z99413, AV752874, BG164521, AI830368, AU131231, BE046108, AW951238, AW593926, AL134557, BG259862, AW631373, BE328781, AW851082, AW029158, BE789679, AW961129, AA442913, BF793879, AW663665, AW022139, BF432072, AI434336, AI436090, AI809757, AV682735, AW768573, AW439527, BF083068, AI913448, AI440089, AI341304, AV718717, AI190267, AI147127, BG025485, AW613371, AI795941, AI765979, AI216333, AA578569, AI570253, AW235152, AA760815, AI056839, AW439931, AI215415, AA732638, AU153007, AA927068, N29456, AW190061, AA041498, W95177, AA761960, D82513, AI358433, AA776029, BE326691, D82515, AI033177, AI752749, AA262804, AI204230, AW192067, H15877, AW083388, BF750393, BF217438, AA397563, AA026006, H14766, W94597, R51526, AI859270, BF223414, BF431093, AA806627, AV655427, AA781883, BG178000, H43399, H73767, T28485, AA731599, T79974, AI718564, R53656, AA134349, BE156349, D82467, AV657727, AV657350, AV657690, R11928, R53074, BE702241, W58753, AA025218, AA593057, R51525, H74151, BF114660, R15295, N41480, BE875554, H98205, AW954282, AW959453, AW182028, AI863791, AA134348, H47642, R95603, Z43506, H43344, AA041264, BE537020, H29807, H47947, AI370277, D82386, AW842224, AA300686, R02057, BF085644, F05667, AI695688, R25259, AA279606, R41222, AA934641, R14900, Z38623, R02056, T29666, W05800, AW892808, R93604, AW363232, AL039132, AI750184, AV736213, T29285, M86031, H98204, AI926218, AI470448, BE143058, BF541917, AA385114, N72769, AV686989, AW961122, BF818257, AL526144, BE698943, BG027822, AA828877, BF213906, AA096386, AV689120, AI865601, AI865462, BF085643, R53163, J04027, L14561, M95541, M95542, X59069, AK027053, X53456, AK024895, J03753, AF070606, S49852, AF287015, L08769, AF076783, L04739, I58000, AF216705, AC007314, M25824, and AW083471.
HKGCO25	679	104038	1 - 738	15 - 752		AU123678, AU118105, BG027584, AI207407, BF974367, BF973516, BG259718, AU123965,

	4			<p>BF970434, BG107244, BE258547, BE890404, AL517860, BE388162, BF795164, BF967682, AI749737, AA642209, BG107118, BG180133, AV714261, BF345922, BG113295, BE693758, BG109498, BE621536, AI888672, BE693776, AI890575, BF684142, AW148801, AI985751, BE536158, BE881387, AL514074, AA910996, BE617523, AI613444, BF979991, BE926491, BE748880, AW975867, BE562442, AW026187, BE937234, AA463350, BF331308, BF968677, AW089874, BF132803, BE876493, AW275808, BE544407, BE536798, BG026464, BE548933, AW938112, BE873276, AI591115, BE693771, BF308468, BG112808, BE544105, AI872463, AA504731, AA160284, BF132989, BE220696, BE831633, BE870812, BF668540, BG107584, AA581366, BF214198, BE936474, AW022247, BE547171, BF663192, BF975564, BF975670, BF203848, AA613926, AL513773, W68381, AA974654, BG177005, BE737461, BE302403, BF818218, BF437323, AI474126, AW270729, BG109180, AW362917, BE737992, BG024211, BE965760, BF664447, BE790101, AW362904, BE302131, AW263998, AI811519, BE464955, BF753084, BF238891, AI608766, BG110891, BE926527, AI635182, AI935294, AA176782, BE540256, BF753077, BE737233, AW731699, BF348922, AA632813, AW673875, BE536682, AU144908, BF669831, AI978716, BG116086, BE973542, BG026168, AA169276, Z21160, BG116026, AI862701, BF685146, AI689671, AI952720, AA947935, AI955286, BG252078, BF031533, BG035221, AU145014, BF211510, AW316556, AW360809, BE464960, AW674649, BE018843, BE328642, AW360824, BF030655, AA676616, AA127472, BE886218, AL120666, AA329338, BE208259, AI017431, N67918, BG115524, BF969523, BG027922, BE466268, AA836769, BG034243, AA463858, BG113511, AU139343, N85166, AW581985, AI916464, N63379, BE328499, AW673547, BG026114, AA947854, AW664200, AA411497, BF570086, BE747462, AI079789, N81179, AW518369, AA195437, BF803130, AA357441, AA101058, AI707664, AA774179, AA554566, AA968507, AA384381, BE734254, R48491, AW089246, AA205970, AA857683, AI917908, BE895969, BE541178, AU130863, AI953530, AA360799, BE277894, AL532923, BG109514, BF664321, BF671105, BE880035, BF095020, T50269, AL517861, BF377618, T93704, BF811881, BE882033, AU145687, BF804799, BF804803, AF202360, AA366107, AF202359, BE939042, BF095042, AI344757, AW401448, AU155967, BF796383, AA102460, AI073573, BF971137, AA331446, AA329105, BE733637, AU145684, AA102519, BF735362, N87331, BF447744, BF900479, BE170370, AW392261, AW379724, AU118697, BF811854, AA857682, AW129671, BF664492, BE350637, AA422160, M86667, AL162068, AX015397, D12618, AF062594, X61449, AF114156, AC006157, AL135818, and AL133153.</p>
HNOJN70	680	104038 5	1 - 2976 15 - 2990	<p>AU119071, BF966048, BG166677, BG119979, AU128779, BE893615, AV681724, AU129282, AW950481, AV703640, AV704484, AL972815, BF000482, BF794196, BE889106, BE536036, BE537475, BF700163, AI954186, BE886104, AI693320, BG236249, BF675355, BF240902, AU151441, BE552164, BF029979, AW880628, BF594114, AW172716, BE326343, AI480116, AA772153, AI693385, BF688083, AW974556, AW512084, BE048759, AW965923, BE644644,</p>

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HADFS31	681	104038 8	1 - 3839	15 - 3853	BG163477, BF970569, BG108453, BG054547, BG113286, AW854245, AI307808, BE073174, AW611910, BF056065, AL533547, BF672443, N41320, BG171055, AW954910, AW959075, BE644771, AI703292, BE872388, AI469372, AI566092, AA602303, AA393055, BF030410, AI445560, AA131931, AI951484, AI972988, AW085169, AW341588, W01556, AI494498, AW387794, AI911847, AW451929, AI141578, AA131930, N39095, AW073488, AI560000,

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HJDBC89	682	104056 9	1 - 1435	15 - 1449	AW93446, BE792468, A1051989, AU128893, BF220324, BE549353, AW956873, AW009905, AV751585, BE251103, BF973368, AI310510, AA703004, AV751891, BE973862, BF033333, BF197271, AA910262, BE266993, AW411419, AA890707, AI339233, AA887323, AU151115, AA306175, AI200470, AI033882, BF035058, AA641095, AA652477, AA679821, AA593627, BE883034, AA082991, AW675300, AL157587, AA083148, R52335, BF087892, BF197102, T64853, R52334, BF674548, F09900, T08457, AI719735, AA356384, F12274, BE874556, BF444928, R94927, AA580037, T72595, AA652284, AW473407, AA309035, AI721010, BF525686, T08456, BE168731, R95011, AA593585, BE164522, AI358215, BE169297, AA588306, AW815166, AW815109, R21419, AW167476, AA506721, AI984330, AA642882, AA933907, F09641, AI984620, HI7612, AV725813, BE380051, AL135371, BE886923, AW439106, AW953295, AV722866, AA862969, BG163790, BF212074, BE870915, R37033, R66798, T65164, BE566121, F15256, AW815164, AW614319, BF064228, AW001817, AA724375, R42976, AI092698, AW338411, AA365565, BF431158, AA365564, AI767448, BF739231, AW959721, BF221927, AA889202, AW815163, AW501169, AA350822, AA593964, BF954327, BF090088, BE160156, AW795832, R48126, BF960610, AA779908, AA045537, D86724, U82256, U75667, AR018045, AL049779, U90886, AF032466, U90887, AF045964, and AF045963.
HTAIX75	683	104059 1	1 - 756	15 - 770	AL520854, BF128615, BF525816, H48321, H17689, BF376847, H17759, H09891, BE830948, BE830958, BE830973, AL524180, H09234, AL524181, BF999727, R12299, Z42268, AL520853, T85877, Z41861, BF829713, BE705874, AW351575, AW375132, BF772521, and AK024423.
HODBO29	684	104062 0	1 - 896	15 - 910	AI885067, AI688253, AI570457, AV764603, BG163869, T16332, BF309856, AW406353, AV690861, AV690628, AA227293, H18458, R35332, BE260548, AA151176, AA161419, AW404488, AA243390, R58860, BE312401, H29205, W80943, W02919, BF541769, BE741045, T34002, H84560, AI572320, W32649, AI907827, T16948, BE246518, H18566, AA447824, AA113191, AA126138, AL008726, X86032, AF014404, AR016567, and AF124264.
HOCOF27	685	104063 1	1 - 851	15 - 865	AU118514, AL046707, BE018880, BE336668, W92272, AA778077, AA280361, BG035941, BE791807, AV686562, AU119701, AU117950, AA367397, AA476844, AU117738, BE378986,

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HSPSE88	686	104069 4	1 - 1201	15 - 1215	AL522502, A1580032, BG167858, A1814672, A1523542, BF085511, AW248591, A1673372, AV717115, AW249030, AA706791, AW069122, AA552495, AW009843, A1887757, AA702426, AW967585, A1522483, BG119838, BF084804, A1819028, A1769618, AW004998, A1003971, AA004715, A1767828, D51209, AW028878, W52965, AW514974, AA769293, AL525127, AA837168, A1285801, W25980, A1039059, AW771651, AL525128, A1311076, AW602162, A1869745, AA677218, A1813376, A1567875, AA618513, A1022994, A1052487, AA854146, A1266735, A1301548, A1832231, A1290695, BF084849, AA480013, AA934722, N26737, N20194, A1075621, AA668848, A1336515, BE139312, AA250959, AA670215, AA005144, W60442, A1336632, A1344914, AA705145, A1254375, A1590516, A1963828, A1318582, BE139400, A1583883, A1420764, A1590506, AA084523, AA483679, AA214591, AA250936, AU157618, BE857751, A1318600, AW407012, AW088623, BF002850, W26823, C06455, AV735834, A1241622, A1886710, BF055934, BF735232, A1318622, BF054864, BF718700, N29095, AW075037, BF055923, BF718706, BF718780, BF718679, T31522, A1250134, F29530, BE090812, H50863, AW023092, AW271291, AV745255, BF818430, AA856884, BE827076, Z30135, AV745621, AV686960, BG105965, AV688067, AV745595, BE708176, AV746034, H65158, AV750475, H50864, AV745496, T16485, AV745590, H53754, BF340024, H53806, BE905806, AV746420, BF813703, BE465282, AA120927, AV745583, AA385893, AV745257, N34624, BF346625, AV740255, BE258692, AW953410, A1675235, AL036612, BF084807, AV746037, BE905887, H65110, A1796558, BE905886, A1929637, AV745706, W28921, AV736646, AV737270, AL522501, AA309808, AV745991, W28285, BE764455, Z24835, T30568, AW189684, BF346696, AU138453, AA577951, AW189724, A1470855, AV739283, AV735293, BE092913, BE092992, BF332686, AW304361, AV745534, BF303636, BF332689, BE092904, BE775213, BF791676, BE139142, BF085484, AA367501, BE092923, BE645740, AW071427, AA211065, AA478966, C01872, A1281641, A1828980, AA811793, N55933, AW271045, A1280091, A118844, A1583843, BF677954, AA742247, AV745203, A1902771, BF130510, BF818366, AA804918, BF754682, AW019940, N86733, AA199628, A1000664, AW613495, AV745710, AV646906, A1500514, A1537643, A1537677, AW168406, AW051233, AA583730, BG029829, AV747873, AW075484, A1872555, AW162194, AW073996, A1621341, A1352326, A1540759, A1927233, AW827289, AL514973, A1469801, A1470648, A1540674, A1573167, A1254341, A1589428, A1700159, A1564448, BF033296, A1620810, A1859991, A1590020, A1225000, AL513913, A1758309, U82130, AR040684, AR070431, AR040683, U52945, AF060867, AF060868, X82319, AF260436, AL359620, AL157480, D00174, S36676, AF113694, I09499, AF260566, AK024533, AK026021, AL137560, AB044547, AB047930, AF177401, AL389935, AL050277,

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HSKXM78	687	104082 6	1 - 858	15 - 872	BE778880, AW816011, BF959875, BF512759, BE697738, AW994684, BE697734, AW993955, BE879998, BE697706, AA248841, BF836641, BF902690, A1251783, AA196706, BF904841, BE843972, AA337691, AW805127, BE925951, BF092498, BF900617, AA393948, W87655, BF376916, BF954313, BF960296, BE938584, BF768665, BE886093, AU125354, BG031978, AA358761, BF920575, BE084190, BF885474, AJ242978, AK001550, AK025060, AJ132702, AC008114, and AC007551.
HNLMB92	688	104091 3	1 - 802	15 - 816	BE395284, BF688969, BE619433, BF688497, BE619955, BF034699, BE793692, AU132971, BE394828, BG251090, BG036941, W80994, AV701506, BE407112, BF972848, BE265852, AI879010, BF725090, AI929509, AW954089, BF316261, BG117117, BF970435, AW161416, AV721738, BE728687, N56607, BF183092, BE392873, BF205782, BE274940, BE385584,

HE8ON57	689	104092 5	1 - 564	15 - 578	<p>BF027401, AV752634, BE408639, BE732777, BE728237, BE727430, BE252272, BE898301, BE900237, BE729899, BE740913, BF038928, BE409573, BE896163, BF032616, AW160845, AU126758, AV704801, AV749087, BF131472, AV702802, BE730434, BF213495, AW162928, BE207136, AL520756, BE935913, BF675428, BE378166, BF870268, W68631, AI929106, BE881928, N34237, BE812182, W37964, W40428, BF032782, BE795697, N32835, W81253, BE904363, W94206, N42281, AA809528, W04934, AV709328, BE256206, BG012283, BE710126, BE709912, BF940996, AA576958, AI193112, AW512400, AI075989, AW131584, BF058872, BE222704, AI188575, AI598179, BF732486, AI188510, AI928835, AI859419, AA514324, AW156951, AI937016, N41918, AI887790, W25163, AA573181, AA318112, AI033728, W68632, AV696448, AW088350, AI033984, H20599, BF676306, AW157617, AI090342, AA335816, AA379809, AA081035, AA843808, AA310457, AW163533, AW162384, AI140063, BE710180, AI569575, AU126650, AW896853, H83571, AA864843, W63786, AI193008, BE074155, AI333848, AI570521, BE166541, N32580, AA716063, AA375374, N56833, H29945, AA854481, AA609404, AA776970, BE702998, AI090495, AI025881, R77153, AA328691, AI125378, AA492186, AA568355, W24358, BF989922, AA846502, BF949260, AA044028, AI081082, BG236775, AI339251, AI372085, AA044350, AV748865, AI199954, AA384800, AW948531, BE788352, AA319094, AA338574, W37904, AA680342, BF766824, AA576293, W81716, AW243813, AI342310, AW899923, BE958395, AA384210, W81096, N93340, AA709359, AI355754, AW948541, R31388, AA131371, AI879506, N94454, AA335677, AA826794, BF115580, AA029626, AI344619, AV700796, AA376091, AA336572, AW439289, AI364070, AI347744, AA335353, D53797, AI347372, AA375994, AW014113, AA729763, BE835970, AI094368, AV681517, N25639, AW948543, AA508015, AA247434, BF766817, BE709952, R92620, AI042237, AI001111, N32413, AA011346, AA733138, BF766812, AA384167, AA028888, AA299019, AA961519, H41208, AI306721, AA131488, AI952408, AI753978, W81543, BE074154, AW886707, W81544, AA303278, AI906349, W30800, R63543, BE835935, AA364476, AW896848, BF732438, AW608651, AW608642, AW608644, AA862419, BF081701, BE835960, AI626124, AA405223, BF941699, AA740818, AF187064, AF187065, AL008708, Z99755, AF237783, and Z68873.</p> <p>AW016248, AW027466, BF110174, AI337615, BF205424, BG163867, BE294995, AV685072, AV694867, AL532813, BF791966, BE280531, BE019871, BF689588, R58479, BF683953, BE252149, BE745812, BE538062, D80087, AW376826, AW376819, AW848374, AW376824, AW848735, AW848234, H11901, AW578354, AW578356, AW848720, BE274355, BF969663, H58623, BE008928, AV707901, AW377761, BE543151, BF881008, W21607, T59768, BE392889, AW849075, BG105010, BE742244, T61979, AA150795, AA318803, and AK026004.</p>
HOCOC14	690	104093	1 - 1639	15 - 1653	<p>AL518928, AL518929, AL523989, AL522922, AL520654, AL530234, AL525704, AL524660,</p>

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			1 - 1506	15 - 1520	AL520398, AL520397, BE781402, BE562860, BE779878, BF338078, AW957700, BE887964, BE895896, BF980871, BE382512, BE407804, BE901552, BE393549, BE904389, BE551136, AA708831, BE910201, AL525080, W72758, BF057572, BF436823, BF223668, BE272529, AW977090, BF589763, AI659008, BE256374, BE780025, AI694894, BF111938, AA528686, AI097639, BF447767, AW135277, AI306571, BF663658, AI347268, AA806250, BE674395, AA737822, AI435032, AI264112, AA806253, AI355674, AA764791, AI270461, AA629351,
HOGDP49	691	104104	9		

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HOFMK22	692	104107 0	1 - 346	15 - 360	AUI33809, AW247757, AW631437, AU141780, AL516064, AW995203, AL535497, AW239330, AL538255, BG115014, AA211149, AW249015, AU126504, BF093036, AL538002, BF149177, AV741584, AV738583, BE934466, BG002637, BE934447, BE293898, BG107041, BE788850, AW361739, AI557500, R18319, BG024330, BE260462, BE383537, AU117400, BE799981, BF844517, AK023310, AF161479, AK023927, AJ238379, AK001316, AL109840, AC010102, AJ238742, AJ238741, and AJ238743.
HBGNT69	693	104190 0	1 - 796	15 - 810	AI624015, AI806163, AI761336, AI239973, AW014766, BE464659, AA977211, AI674651, AI148345, AI866649, BE645052, AI125625, AI086758, AI28040, AI655162, BE551928, AI161332, AI655161, AV753160, AA610185, AW236531, AI292283, AA292277, AA477646, AI690722, AA394127, AA609466, BG059648, AI190454, AI018185, BF593539, AI829500, AI700453, AW316589, AW196672, AI074772, AW341618, AW167322, AW302218, AA025586, AA838081, AI024041, AI041061, R87527, AA902915, AW594410, H14071, AI204603, H51531, AI750779, H14072, AI190999, C02480, AI671151, AW025750, H66637, AW960210, AA113917, AA377473, AI825064, AI970416, AA058796, AI203054, AI242978, W23707, AW341710, AW769637, W35307, AI567190, R11213, AA278295, H39857, AA359315, AI123865, AA293310, AI128283, AA339310, AA025710, BF934944, BF935648, AL047028, AI078227, AW604820, BG006575, BF725867, BE175407, BE175410, BE312886, AL048445, BE260545, AL096870, I38154, L41066, AF283284, and AF309389.
HSPSI42	694	104246 2	1 - 3700	15 - 3714	AL537329, AL535764, AU125011, AL528428, AL533752, AU125456, AL516645, BF026718, BE745954, BE792053, AA630332, BE740049, AU141066, BF034894, BE903114, BE742121, AI201168, BE740144, BE735567, AL516644, BE378821, AU125164, BE563488, AI937247, BE898530, AU124908, BE619144, BF967935, BF688475, RF311849, AL528122, AI279435, BF316813, BE792504, BF026094, BE746069, BE906552, BE561254, AW857789, BE798640, BG033830, BE383120, AL518988, BF974657, BF348245, BF796308, BE304685, BG260649, BG115158, AW363807, AU125397, AI951762, AI923289, BE561374, BE262515, BE734666, BE784840, AI956069, BF026686, BE292907, BE884663, AA769147, BE897193, BE747627, BE613524, BF971971, BE546212, BE389493, BE613370, AV656237, BF034293, AI499201, BE386001, BF975490, AA218856, BE799774, BE882271, BE885327, BE870012,

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HPDQD23	695	104264 9	1 - 1077	15 - 1091	<p>AI174585, AI187054, AI683160, AI687716, AI698463, AI799777, AI866042, AI866172, AI869250, AI811428, AI950547, AW005833, AW008960, AW028874, AW028883, AW105566, AW075520, AW149883, AW196157, AW204687, AW193629, AW293092, AW302633, AW440524, and AW473482.</p> <p>BE146091, AV731652, AA522450, AI921634, AI685396, AI333397, AW970651, BF987908, BG013985, AI242047, AI750154, AI186846, AA418333, AI264351, AI274932, AI285813, AA434477, AI678027, Z99365, AA216639, AA506505, AA703512, AA223178, AA179929, W02703, AA169167, T89653, AA169800, AA205463, AA206489, AA837803, AA233457, AA211589, AW854574, AA210851, BG255562, AI144451, W25656, BG236150, AA219599, T67419, AA838754, AA573603, N27177, AA872467, AA160532, N66779, AA205505, AA196784, AA227186, AI360851, AI094704, BF940575, AA227445, AA219255, AW593673, AA205926, AA223472, AI262493, F10104, AW674105, AA807651, AA223497, AI052113, AI762542, N90352, AI820789, H38219, AI949977, AI709011, AA843865, BE061531, AA213692, H23607, W05366, BE061527, AA890486, AA173762, T53321, AW129244, BE675378, AA242847, AA252138, N93216, AA424458, AI871419, AA832265, BE061578, R47880, BE061530, BE061526, AI567438, H54619, BG058115, AA424412, BE061504, AW593679, BE061575, AW967555, AA401064, H86776, BE902611, BE733329, AI821441, AI732265, AA205222, AW874361, BE536565, AW341960, AW796182, AA015818, AA936323, AW896622, AA535465, AI280212, BF736442, BF900157, AA984688, BE146078, AA017326, AA346818, AW152224, T88944, AI858539, BG260886, BE278946, AW813774, BE388701, AA319772, AI743039, AA219557, BF736726, AA528333, AW505355, BF771250, AU119575, BG167443, BE541505, L13822, AA434396, AI017153, BF028916, BE154397, BE145948, BF840889, BE154394, H87778, BF808793, AA362431, AA227040, AI863156, AW854595, W38856, U74760, AA348524, BF686523, AA250783, AW963287, AI535936, BE158521, AI821544, AA394230, AV705967, AV704542, AA444044, AI732704, AC005699, AP001695, AC004998, AP000230, AP000144, AL109967, U96004, AL358337, AP001595, K01891, AL160234, AL034345, AL109938, AP001697, AP001598, AL023877, AC007486, AC008842, AC012150, AC010180, AP001747, AC010451, AP001628, AL163213, AF212831, AL049643, AC004456, AC005771, AB019437, AC007001, AL137228, U96001, AL022068, AC007114, AC005090, AC025253, AC003091, AC005820, AC009318, AL133257, AC022424, AC005150, AF130359, U96006, AC009946, AP001729, AP001414, AC026431, AL161788, AC022308, AC005145, AL163210, AL109620, AC010267, AC007250, AL035419, AL031003, AL137072, AL360078, AL035401, U96072, AP000013, AP000155, AC007237, AC007751, AL109762, Z97053, AC007193, AL035610, U96068, AC007870, AL050348, AC0073071, AF235093, AC007390, AL009031, AL031118, AC002326, AC008269, AC012089, U96061, AC066598, AF146191, AC004025, AL157817, AC024164, AC008984, AL137062, AX035733, AC009229, AC006515, AL163246, AL109954, AF108839, AL365189, AF053936, AC023154,</p>
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HWMB10	696	104285 9	1 - 2717	15 - 2731	<p>AC007463, AL139377, AP000473, AC017004, AC009049, AC008072, AC008753, AL138758, AC007447, AC005072, AF110315, AC008651, AC008716, AL133462, AP001667, AC000378, AC005827, AC012380, AL035427, AC009154, AC007617, AL078594, AC007537, AL138997, AC010140, AL133224, AC007022, AC008719, Z83818, AC004103, AC007881, AC005102, AC004896, AC004925, AC020599, AC008120, AC010092, AB020871, AL121782, AC010129, AP000745, U96070, AC011510, AC007681, AL136362, AC006322, AC012077, AC007106, AL354804, Z92543, AC006478, AC018832, AF172494, AL021327, AL109733, AL136171, AC011200, U96052, AC083863, AC007620, AL109659, AC010905, AL355799, AL121724, Z99495, AL139277, AL355337, D11078, AF172492, AF172493, AL137063, AC006382, AL024495, AL157792, AP001671, AC074338, AF172490, AC009247, AL353152, AC010506, AC010134, AP000357, AC010977, AF023461, AC004915, AB020874, U96054, AL031767, AC017109, AP000358, AL163533, AC000114, AC008062, AC007207, AC008813, AL096770, AC003078, K01892, AL137878, AF108842, AC013737, U96065, AC005276, AL133515, AL035408, AL135918, AL445207, AL356010, AL031256, AC013412, AL135902, AL158196, AP001062, U95997, AC002530, AC018644, AC064878, AP001063, AF042089, U96003, AF078838, Z83826, AL136230, AL117327, AL356596, AJ291363, AF152363, AC007556, AC007263, AC007027, AL080316, AL353605, AC012598, AF172491, U96056, U96049, AC010168, AC004889, AC002536, AL031671, AC009505, AL354696, AP001754, AF064073, AF064074, AC022143, AC007381, AL442166, AL163284, AB041340, and AF165176.</p> <p>AL523748, AU123693, A1744229, BG031655, AI086599, BF304272, BG171264, AV706001, AL523749, BG108251, AW149791, BE348515, A1749171, AW242786, AW006818, AA452980, BF529585, AA935562, AW273475, BE671205, AI660550, AI248232, AA452839, BE894013, AA284774, AA053718, AI277984, AA406537, AA677676, AW954096, AA464420, AA406538, AA996235, AI129769, AA284905, AA936452, AL525442, BE264852, AA205830, AA053858, AA020811, AI765563, AA536060, AI140517, AI141193, AA481894, AI078424, AI041203, AI150864, W96529, AA481977, AA019913, AW131471, AA703408, AI276556, AW152129, AI017050, AI301027, AI160406, AA020812, AA021054, AA502348, AW149477, AI248566, AI400377, AA477595, BF516273, W68469, AA936362, BE879574, AA936704, AA718994, AA019875, AA806235, F36806, H45799, AW403649, AI826304, AI150447, AA019941, AA464421, AI218960, AA018986, AA054250, BE465431, AI261777, AW418988, AI218966, AI805790, AA883222, AW000750, H41086, H37782, AI240050, H10773, AI903707, F22534, H38276, AW069782, T41072, BF515659, H83990, AA019902, R50029, AW192396, W68326, F31495, AI244397, BG170628, R50369, H37923, AA055112, AI282300, AA631296, H86397, AA013192, AI903705, AW298469, T51835, AW339481, AI766847, BE896599, AW194148, W68142, AW183628, BF513512, AW074174, AW003689, AI272194, W92479, AI860462, AW675437, BE464220, AW139654, BE464285, W92489, AI281785, H23872, AI262178, AA383551, AA384419, AW007882, H83989, AA326943, AI420423,</p>
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HETKL27	698	104295 1	1 - 2939	15 - 2953	BE871328, BE541917, BG261034, BG036667, BG255133, BF038357, BE873193, BE180561, BE870717, BG178811, BF036564, BE180564, BF036793, BE565590, BE870823, BG254223, BE380025, AI457792, AL045790, AA046853, AA046815, AI091603, BG254687, AW170087, AA806214, BF208582, BE537632, BE379942, AW340447, AW674405, BF815085, BE018642, AW965573, AL037729, BE693303, AI660614, AI491885, BF038191, AA173971, AA315096, BE566251, BF184027, AI608598, AA928074, AI800279, AI624127, W60935, AI910856, AA427513, AI885528, AW275960, AI803402, AW139374, AW440556, AW780300, AA131801, AW176253, AI418267, AI018145, AI493121, BE714193, AA969373, AW130864, AA580219, AI561113, BG036684, AW748181, BE379602, BF243233, AA682266, AW612944, AI624003, AA493636, N95222, AI805412, AW007263, AI683016, BE538582, BE766499, BF107388, AI309126, AW338522, BE564698, AI570951, AI923647, AW674984, AA772541, AI270322, AA451669, BF381179, AA131851, AI566235, AW630088, AW197566, AW235160,

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HVVBC43	702	104355 3	1 - 2938	15 - 2952	<p>AL117435, I00734, AX019229, A08910, U49908, AF090934, I89931, A08909, E05822, AK026480, AK000137, AL137550, AB048974, AF090903, E00617, E00717, E00778, AF113013, AL389982, AL137521, AL133560, AF230496, D83032, AB019565, AF130104, AR038854, AL133093, E02349, AK026959, AF111851, AK026762, and AI866232.</p> <p>AU130242, AU129999, BE275366, AU141996, AU130671, AU124936, AU131860, AU124408, AU130616, BE794591, AU132634, BE886966, AU142773, AU143058, AU131940, AU130500, BE894047, BF792145, AU130422, AU129764, BE869866, BE260035, BF968633, BF034746, AW574699, AI660687, BE777892, AU131830, BE876494, AU132441, BE408497, AA582930, N31917, BG165262, BF542087, BE542062, AU127284, BG026988, BE882726, BE294863, AU127887, BG165609, AU129360, AU127616, D44737, AU127681, BF816410, BG105746, AI755150, BE049267, BG106449, AU151026, AU129215, BE972348, AU154131, BF093815, AA921821, AW874087, W73129, AW962589, AA584426, BE779393, AU152380, AA625864, AW130487, AU128793, AU152533, BE614473, AW675649, AU152582, AU153498, AU152234, AI271652, AU152425, AI566494, BF383044, BF525753, BE897930, AI673802, AU150181, BE396218, AU151380, AU152054, AU153524, AU153962, BE788995, AA999916, BE613867, AU160214, W72959, AI291880, AU151839, AW847871, AU159404, AI334958, AA633073, AU150147, AI571272, AI609813, AW062542, AI587276, AU153591, AA599609, N20255, AI095377, AA598634, D44706, AI281894, AA995048, BE247530, BF447181, AA868315, R51176, AU159998, BE140632, AW845056, AI858431, AW337440, AA972582, H25615, AW129362, AW513961, N33461, AA076122, AW403237, AW673297, BE396194, T03846, AI242507, N49412, AW243720, BE614099, M78947, BF941190, AA935847, H24389, AW204045, AW515528, AA928820, AA027101, BF883996, M78797, AA776266, BF928855, AW408795, BE677916, AI659830, AU149919, BF732229, R99137, M85359, BF219027, AW057795, AA774404, H61385, AA776238, AI375971, AI262460, H11165, AA665529, BF933722, T03848, AA653597, H58329, R54367, R54368, AW393906, R93193, BE931966, AI520701, R11108, AI139930, AW806583, Z46202, AW960292, F05574, Z41826, H25208, BE536265, H48437, AA076225, BE245969, AI244509, AW393905, BG056878, AA775438, AA928889, AL044756, AA776341, AI902676, AI283641, AW769688, AV751484, N29153, AI002774, AA358914, AA303417, AW806733, AW393882, H17943, N62525, R51059, R01677, AI536689, H11077, T03850, AA368289, AA449395, R93289, AI300648, H25569, BF241826, R02617, N42702, AA356956, BG001482, AA319797, H12532, AW372207, AI358902, D44752, AI909855, AW205117, AI174491, H17158, AW078514, H58718, AI368605, F01841, AA094440, AU125424, AA369119, D82686, AA599570, AA325933, AW958020, N56450, Z45626, AA249356, N49515, T35118, AA304923, BF676621, BF982665, BF820825, AW189778, BF095814, AU149088, U95140, Z68321, AB000468, AF169300, AF022081, U95141, Z68284, AL035633, Z68322, N79423, AA485207, and AI440069.</p>
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HTPDM31	703	104419 9	1 - 1342	15 - 1356	AA523881, BF902063, AI683694, AA524036, AI688317, AW612950, AW075896, BE620592, AI858933, AI394309, BE620052, AW205191, BF197492, AI434019, AW151530, AA128407, AW973472, AI582008, AW571727, AI371369, BE794101, BE798086, AW512224, AI674185, AI683559, AA291456, AI636139, BE043958, AA554717, BE910647, BE263650, BF800761, AI918634, BF849476, BF055737, AI886022, AW162071, BG168549, BF970449, BE964497, BF883916, BF344652, AI308032, BE544111, AI344785, BF341801, AI344933, AI344928, BG168696, BF750885, AI611348, BG260037, BG026746, AI494201, AW022682, BF904180, BG251478, BF827575, AI561299, AI866002, BF904265, BF910810, BE965355, BE963035, BF816455, AW268220, N80094, BE963918, BE964512, AI636719, BF885675, BF814335, BE910703, AV681668, BE048071, AL036638, AI439762, AI335411, AW403717, AA640779, AA508692, AV729336, AW102785, AW103893, AI572892, BF970768, BE045182, BE965067, BG168185, BE964812, AI498579, BF032868, BG112879, AW827289, AI310332, BF339322, BF725863, AL120853, AW238730, AI919345, BF814525, AW082040, AA613907, AI537677, BE047952, BG030364, AW152469, BE964767, AI539028, AL036403, BE965432, BF752252, BF038804, AW834325, BE965192, BF904244, AI613017, BF726297, AI537273, AA427700, AL047763, BF343363, AI285826, BE966699, BE885353, BG113385, AI572418, BF817926, BG109847, BG110684, AV746964, BE966388, BF910849, AI433976, AI696626, BF909758, AV760102, AI612759, AL046944, BG165051, AL041573, AL045266, BF343172, AI567351, AV726951, AI699011, AW193134, AV686346, BE048081, BF089679, BG031664, AL120854, AI824576, BF968205, BF527014, AI608676, BG112718, BF854113, BF971016, BG109270, AI950664, AI623682, BE897632, AI250663, BE621256, AW059837, AI874166, BE875407, AW827206, AI567360, AL036274, BG029829, BF753032, AI366549, AV757639, BG113299, AW163823, AL039086, BE061389, BE781369, BF342070, BE613727, AV729649, BF791874, BG026428, AW301409, AL514155, BG180816, BG250190, AW103371, AV713988, AL134999, AW268122, AI697324, BG024332, AI364788, AW074869, AW071417, AV743962, AI571909, AI524526, AI922901, BG033723, AW262565, BG249582, BF526020, AW269097, BF344031, BG122481, AW150578, BG036846, BG032919, AI679916, BE047852, AI800453, BE965150, AI800433, AI783861, AI252023, BE620444, BG120816, AI633419, BF904258, BG180996, BF885081, AI627880, AI689420, AW149227, AL119791, AI828731, AI349004, AI497733, AW999049, BE904051, AW806761, BG257535, AW169653, AI310575, BE011885, AI560099, AI866741, AI336495, AI929108, AW302965, BG110517, BF812933, BE874716, AI340533, BF038131, BF339594, AF113019, U00763, AF061943, AF116602, AF219137, AK024538, A08916, I89947, I48978, AL133568, AF113676, AL1389978, AB052200, AX019230, AK000647, AX005848, AX005804, AR011880, AK027164, AK026642, AL133093, AL080060, AL110280, AR070212, AF158248, AX019229, I89931, A08913, AF116644, I48979, A08910, AR087170, U67958, A08909, AL049314, AK025491, AK027113, AK026855, AF090900, AK000618, AL049430, AL137283, AF097996, AX046603, AL162006,
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HSQEK12	704	104457 7	1 - 1601	15 - 1615	
HPDRZ16	705	104461 8	1 - 978	15 - 992	

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HVCBC44	706	104463 5	1 - 1177	15 - 1191	<p>AI519186, AW419048, AA100804, AA121287, AI911097, AA502311, AI075431, AU128651, BF083756, AW089948, AW132123, AA100952, BE466029, AW083432, AA488316, AI990554, F28643, AU156613, AA741512, AA731380, AA731382, AA207032, W79581, AA731381, BF059144, BF059729, AI655521, AI655502, AI808218, W79780, AI970106, AA251012, F37179, AA262868, AW439007, AW589846, AW439035, AA730238, AI640142, AA329792, BE799812, BF813785, BE868398, AI559734, AW087255, BE791631, AW750380, AV704162, AA252138, AA242847, AV704313, AF226667, AK024070, AK023549, AK025654, U49385, AC004087, and AF086422.</p>
HPIAC22	707	104471 1	1 - 2036	15 - 2050	<p>AI924197, BG259817, BE268308, BE270476, BE042939, AI571743, AI467993, BE514280, AV705060, AI422722, BE397774, BF525749, BE269234, AI885549, AA001424, AI417323,</p>

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HSODA53	708	104474	1 - 1993	15 - 2007	AA488860, AW118663, BF679533, AU157678, AW968930, AA488937, AW502897, BF949789, H91281, AU138611, AI174822, BG251769, AI911406, AA319438, H13953, AV723659, AV723812, BF379751, BE781989, AI138991, AV724029, BF680401, AK024359, AC005495, and AF119885.
HE9ML74	709	104476 0	1 - 2109	15 - 2123	BF973550, AV703947, BE735983, AI141536, BE177941, BF111296, AW960419, BF593246, AA716179, BE538079, BE672999, BE899473, AI638212, AI769556, AW972475, AI963758, AI761109, AW576535, N24244, BE502221, N49976, AI890512, AW607778, BF686370, BF061544, AA888851, AV727854, AI204229, AI492301, BF965554, AI399665, BE464401, BF906460, BG150554, AI684997, AA397545, AW452929, W58540, BF724940, AI308244, BE048924, BF957204, AW994200, AW167166, AI032858, BE541283, AI990115, AI191763, AV719539, BE813538, AI687674, AI356174, AW237523, AW237513, W05191, AA825680, AI628442, AW051464, AI955375, AA446754, BF934288, N45103, AI768999, AI623958, AW604370, AA844351, AW072581, AA877508, BF964485, BF326688, AW967467, AW272007, AI434348, AV649740, AI991466, BE813583, BF326690, AI367528, AI419248, AA757020, BE813608, AV649840, AI769025, AA112631, AA441882, AI990676, AW937758, AW885989, N31202, H12678, AI457681, BE176156, BE843670, AV709716, R53677, W58506, AA923689, BE086457, AA113334, BF438757, AI632857, N28982, AI917528, BE176253, AI357469, AA432070, BE176150, AI241039, BF091010, AA730921, AV691901, AI969586, AI391527, BE176080, BE176039, BF893922, AA630054, AA761119, H75496, R23846, AI584086, AW194837, H05294, BE813411, H05344, AA732634, AA305435, AA353992, AI244139, AA385220, AA513775, BF858939, AW999931, H98911, R63556, AA844045, D62444, AA251162, AA334217, AA441821, H68149, AA399063, BE001143, N74346, R12743, AW198016, BE001204, AI867622, BF963511, BE088866, R39795, AA251128, AW409654, BE088700, BF822863, N72430, BF339136, AI474839, AI499364, BE172967,

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HPDRB76	710	104476 2	1 - 3729	15 - 3743		AB005622, AL519058, AL513611, AL519059, AL529375, AL532483, AL525289, AL529374, AL526549, AB005621, BE274852, BF982898, AU125970, BE622992, BF796408, AL513612, BG106187, BG034879, AL526367, AU128506, BE897919, AU133789, AW968284, BF965878, AW409718, BE275712, BF791733, BE17862, BE789855, BG178771, BG258108, BE408698, BE896160, BF686705, W05712, BF309732, AI192372, BF694788, BG028726, AV688212, AV691606, BG033618, BE540959, BF679745, AI762781, BE617406, BF037845, BE885892, AI361029, W95848, AI089780, BF036880, BE785363, BF241381, BE301944, BF984223, AW192519, AI082053, BF195946, AW327951, AI683326, W02312, BE296841, AI217910, BE208446, AI423184, AW170457, BF948889, AI082059, AA315835, AA628941, BG120646, AI744437, AV653540, N39056, AI653453, W94951, AU150788, AI057594, BE782892, N36102, BF211911, BF432772, AW001561, N48248, W60626, AA789238, AI472150, AI183431, AI268418, BG106759, AI913193, AI625729, AV735137, W60627, BE909357, BE895991, AU154985, AI150225, AA029868, AW072811, BG030191, N73085, N31137, AI625935, BE468023, AI367260, BG178198, AI758701, BF211840, AI691042, AI968738, AW956547, BE785015, AA706232, AA873148, AA281272, W56310, AA831365, AW241427, N69937, AW241485, AA429410, AI436052, AA689532, AA774576, AW013970, N41726, AI129695, AA954718, AA429457, AI612726, AI337986, AI672852, AI188847, AI041266, AI024764, W42834, AW304081, AA857427, W76138, W23563, AA126802, AA259087, AW965470, AW514066, W05439, AI813834, W96133, BE858752, N98402, AA507981, AA745068, AA037072, AA121379, AW731880, AI018474, BF435085, W56456, BE694795, AA036958, AA598936, BF432261, H09730, AI018407, AA962630, AA773937, W56426, AW440750, AA043877, N39058, AA406074, AW058561, BF149112, AA824556, N44108, AU119157, N21122, BG057814, H10488, AW440768, AW996949, AI598269, AA112260, AA719556, AA781363, BF209642, AA315392, H20077, W60534, W56311, W60556, BE206569, AA877673, AL121231, W31644, AI949712, R81197, AW243211, AA628877, R87173, AW589397, AA602997, AI658880, AA825924, W56353, AA494332, H87565, AA629343, AI659961, AW167307, BE542553, AI339381, AW192520, H09696, AW193684, W96132, BF844933, BF239292, H93440, BG031200, N98614, H66652, H81871, AW883387, BF037979, W24238, R37464, AW884472, AA962473, AI079581, AA996224, AA825584, AI826389, AI420920, AI269305, AW080050, R53826, AA205450, AI159792, BF382871, AA599040, R48985, AV684456, BE833359, H01702, AA689475, H96126, AI199477, AA514855, AK023758, U54645, M16225, AF056332, D90280, AL035411, AL020995, U39945, U84371, AB020202, MI6224, D90069, D13061, AL133249, AL121652, D90067, AF076633, E04317, AJ012288, AF055917, AF003737, T39695, T70955, T93340, T94018,

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HSYDI55	711	104476 9	1 - 1576	15 - 1590	AUI36917, BF205289, BE397937, AL531689, BG169850, BF975130, BE220494, AUI38732, BE540278, AW954061, AW956739, AI796023, BF205443, BG171279, BF857500, AA164517, BG171303, AI699703, AI268056, BG166578, BE813909, AI265884, AV713795, BF447802, BE139089, AI458243, AW136662, AI472328, AI440050, BE500953, AI858271, AW511531, BE046481, BE503455, BF591012, BF195935, AI476281, BF222795, AI694704, AI445711, BF115624, AI610309, AI927962, BG166246, AW339786, AA971085, AA708922, BE503272, AI421319, AA465255, AUI56932, N49590, N67740, BF091626, AI914058, AI274909, AI190112, D20733, AW188089, BE789377, AI858737, AUI57726, BE275478, BG256465, BE813963, BE220862, AA857052, BE936270, AI217103, AW379725, N49070, AA383123, BE551639, W86964, H60699, BF573578, AI040284, AI762085, R51650, BF432031, N31773, AW273437, BF091557, BG178271, BF056174, AA769783, AA812984, AA383124, AA661899, BE242063, BE241787, R93782, AW304171, N56201, AW139929, T60662, T64969, AW615368, AW002388, AI341196, AW594520, AW664816, AA465147, BE972735, BE548258, H98958, AI308213, AI364564, AA984765, T57763, AI769568, AW612305, BF748531, AA603698, AA827085, AI638355, AI190529, AI364456, AI420514, AW301000, F37231, F24191, BE207700, BF439061, AV682063, AI569188, AI784377, T25055, AW996932, AW407523, AA279845, AW991326, AI699592, BF904839, AA812498, BF109474, BF222718, AA535238, BE814080, AK001954, AF151819, AF257318, AF263364, AF263293, AI049597, and AB007960.
HOGCI31	712	104482 1	1 - 917	15 - 931	BF973454, BE727445, AL531039, BG115169, AW969042, AW206059, AA700020, BF968627, BG114062, BF432198, AW957238, BE537060, AI672358, BE326492, AA916774, BE003525, BF980402, BE003532, BF684794, AUI51013, BE003523, AA699619, AA827289, AI024492, BE043951, BE206364, AUI52265, AUI58148, AI032726, AI208858, BF973606, AI375573, AA725543, AA287974, AW510399, AA693821, AA770210, AI240892, AI824282, AI684175, AW362905, AA426229, AA525966, AI049580, AI334247, AA262040, AI032993, AA291268, N59203, BE328503, AW383419, AA291339, AA504437, BE064374, AW273123, AA767810, BF350525, AA626831, AI188629, W45184, AA993418, BF446920, R60802, AI524794, AI797031, AI796476, BE747743, AW779035, W42659, AA782458, BE741947, AA203299,

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HNOIX86	713	104489 3	1 - 1022	15 - 1036	<p> BF970013, BE783656, BF971148, BG105075, AW510702, BE896959, AW188107, AW006794, AI983025, BE910195, BE782150, BE906341, AI015619, AI301966, BF727414, BE858813, BE880216, AW168796, AW051432, BE890490, BG054826, BG178384, BF679757, AI125994, AI360252, BE879146, AW149790, AW071976, AV702313, AI583243, BE785316, BE881479, BE074234, AI924167, BF699289, W95089, BF670105, BF674585, AA846833, AI912804, AI805679, AA769460, BG109223, AI955820, AA918990, BE973606, AA702505, BE547758, BF184398, W95090, AA995358, AI581725, AV754940, AV707627, AI128802, AI025955, AA702099, AA527383, BF196614, BE122666, AI418108, BE048049, AV747543, N42404, N33447, N42420, AI308924, N31382, AW014670, AI857970, AA293374, AI718979, AA948391, AI300946, AI369901, N24088, AI075836, AI056727, BF340421, AI014666, N35120, N24587, N33735, AI446529, BF743351, AI336552, W38924, AA886635, AW182324, AW630926, AA147675, AI797735, AW073663, AA719417, AI720299, AV742727, N23506, AI335652, N71994, AW627640, BF115412, AW086197, AI360960, BG251694, AA507156, N94922, AA885121, AA701511, AI346138, AI262338, H99753, R74310, AA953666, N29163, N58294, AA713692, W04143, N54557, AA398521, AA648593, W79708, H50571, AI282475, N24140, AA953525, AA782200, AA782844, R23867, AW877810, F37061, W57541, AA157599, W81380, T31783, AA946607, AW952439, AA938014, BE764972, AI300210, N70117, H40663, H45202, AA627360, H50365, T19230, H40733, AI026634, AI620903, AA063083, R67980, BE693583, H97133, AI243093, H50336, N42319, H70236, AA576208, H42168, N33428, N66148, R33701, AI000953, R74212, T35747, N33907, T62950, AI262339, R67981, N98671, AA701513, N28470, AI541287, T62802, AI277219, N76637, T31262, R22630, BF817665, AI955533, R39387, N29483, AA931753, R22631, BF572160, R33596, H27877, F30122, R28433, AW583802, H70237, AW382331, H45185, BE714145, F31733, R38311, AI872684, R25406, BF964201, AA328918, BE811585, H42989, AA512926, BG178689, BE811484, BG115626, AA834433, AI090035, Z42779, AA063133, H41269, AA709283, BE811590, H13228, AW297741, BE701599, N99376, AA912616, AI468912, AA181716, AW750247, H59925, BF214441, AI221915, AU142828, AW382456, BE170265, AV753284, AV739258, AV737288, AV743484, AV738516, AV701224, AV741385, AV701471, AV738340, AV740375, AV701422, AV738631, AV742732, AV701384, AV739963, AV735357, AV742047, AV742725, AV701030, AV701123, AV701130, AF092138, AC006254, X95834, X030944, and AI498102. </p>

HTPHG81	714	104511 7	1 - 2100	15 - 2114	AU124431, BE700940, BE700869, BE700936, AW960435, BE061069, BE908235, BF870875, BE772035, BE700861, BE772040, AI903097, BE700876, BE840628, AI700395, BE700938, BE700862, BE700873, BE700945, BE700943, BE772042, BE700937, AW390483, BF525944, BE842730, BE842726, AW582015, BE772099, BE700941, AW514159, BE700904, BE772053, BE772066, BE772082, AA781090, BE772081, BE818958, BE818955, AA305705, BE772059, AW170237, AW965129, BE772019, AW581975, BE840457, BE830929, BE772101, BE818964, AW339256, BE840434, AW820559, AI079309, BE772020, AI140441, BE700851, BF849721, H70004, BF359589, BE832289, BE700898, AI905362, AI022857, BF091071, BE927455, R11344, AW517983, BG012510, AI903834, AI401014, AI379419, BE842723, AI434349, AW673336, BE818962, AA719006, BF439588, C15468, AA703354, BG010792, N50989, BE772047, BE772018, AA574083, BE836162, H69547, BE772074, BE818915, BE170135, BE840445, BE772086, R09631, BE772015, AI251845, BE772087, BG011742, AI243536, T63151, AI983670, T63006, R06603, AA889063, BE772017, BF110884, BE830923, AA565124, AW868068, BE830919, AW752129, AW868069, AW674579, BE818892, AA731490, BE818951, R14845, AA344670, R07438, BF738252, AK027078, AL117402, AB007936, and AK001249.
HPCTV49	715	104537 9	1 - 576	15 - 590	BG105380, BF969874, BF791362, BE294238, AI708983, BE562951, AA639261, BE905959, BF205851, AI817372, AV735170, BE797554, BF245538, BF983670, BF679415, BF239185, AI277914, AW951784, AV744259, BF972333, BE378677, AA196003, AA158111, BG112886, AI199301, BE336876, AV726412, BE539723, AA211640, BF211561, AW884452, AI114687, BF718736, AA614365, AI199303, AA196119, AA669012, AA211585, AA961699, AA191452, BE382522, BE564019, AI369878, AW024386, AI088810, BF210300, AA928043, AI186091, BE395743, BE866704, AI199158, AI803530, BE395559, AV735419, BE206116, AI356575, AI083939, BE881084, AA548552, AI476158, D56069, AA669359, AA724190, AI347760, AA872509, AA147830, AI278100, AA192651, AA070828, AA782902, AI815655, AA070056, BE866200, AA192676, BF212031, AA610321, BF678688, AI879955, AA923683, BF969895, AI224845, AA564302, AW130508, AI434457, BF962151, AA503189, BF948015, AA910390, AA158110, AV742633, AV744698, AI878958, BF964919, BE311727, AA308438, AI863146, N95018, AV745283, AI344806, AA112888, AA186678, AA526631, AA847739, AA602428, F26539, AA938523, AA083874, AW074943, BE958153, AA316417, F17706, AA099735, AI038843, BF956344, AA146746, AA506417, F26205, AV739187, AI801282, AA146747, AV739630, D52869, AA192987, AV746403, AI540297, AI149112, AA385291, T27780, AA664835, BF573989, AW262292, F28424, AV745990, F22200, AA644540, F27688, AW973119, AA531375, AI475222, AI906360, BF676400, AA533539, AA773178, AV744177, T64019, BF211310, AA373881, BG030785, BF574629, AV681847, AA580408, BE877175, AA669013, AV696866, D54115, AA224280, BF667957, BF216797, AA244162, AV728485, BE044954, AA650377, BE908110, T23953, AA317596, AA729652, AW629957, AV726694,

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HHGDK68	716	104546 4	1 - 2166	15 - 2180	BE798466, BE792763, BF346161, BG036648, BF526672, AW192876, BG252976, BE727584, BG170636, AW080555, BF037480, AA402705, AL134722, BE314754, BF308128, BE727937, BF127508, BE792403, BF726123, BF314842, BF308283, BF087321, BE904611, BE878196, BG121014, AW581299, BE891151, BE294909, BE260835, BF149225, BE717224, BE314875, BE178816, BF829778, BE547480, BE270117, AW965542, BG118314, BF993933, AW239476, BF794695, BE735034, AA190652, AU137393, AA001309, BE907465, BG113926, BE349269, BE394869, BE540323, AI954586, W27225, AW965053, BG001604, BF949350, AW205949, AW960687, AA150308, R84546, AL079805, AA694546, BE885039, W19862, AL121458, AI022854, AI248653, AL134491, AA446496, BF330245, AW965553, BG105907, T74129, AW381633, BE542634, R54939, R87563, AW381629, H62448, BF736424, BF800312, AA494125, AA257958, BF876904, BE185001, R89018, F10003, AI525827, AI248651, F12386, AA336044, BF876147, BF127687, BE938879, AI272279, AW368711, T98060, AI828030, AI033792, BF530645, AI553819, AA335778, BF822637, AW381921, R49754, AA989589, W94106, AI872969, BF350448, BF094932, AW341300, BG167299, AV745913, T07757, AW885323, AV745597, AA402270, AV746103, AV745861, AV745528, AA317574, AV745699, BE793577, AV745572, AV746148, AV746342, AW379710, AA737996, AA112442, AV746343, AA725084, AV746240, AI421429, AW593611, T51370, AV746205, AV746234, BE185002, N90052, AV745556, AW589825, AI056996, BG149674, BE504468, AW583157, H55323, AI811332, AW873526, BF434326, BF983596, BE140525, BF433696, AW806797, BE140530, AW806769, BE140537, AV745604, BG056109, AL020993, L37043, AB024597, AB028736, AB042192, AB028241, AB042191, AF242536, AR063944, U29171, AF183394, M76545, H62438, and H55078.

HNOKM38	717	104550 0	1 - 5155	15 - 5169	<p> AW968555, BG112918, AU131374, BF663523, AL039261, BF303987, BF307905, BG251559, AV753028, BE799852, AW976694, BE348623, AI192780, AW975771, AI824140, AW970158, AA855062, BF593932, BG254148, AI553813, AI652642, BE676603, BE547167, AW025094, BF205581, BE465313, AA442404, BF929424, BF115230, AW956014, C18242, BE858311, AA463617, AA910953, AA149637, AW005325, AW500219, AI131430, W22181, AW892169, BF310817, BE974198, AI653494, AI144153, AI147052, AW500584, N48492, AA600846, AW084489, AW881107, AI146715, AI131429, AI184485, AI857619, AA043233, AI356899, AW273471, AI292205, AW009154, AI092851, AA507221, AI475747, AI081975, AI027527, AI188617, AA514494, BF108742, AI003781, AI140121, AI813409, AI769089, AI097484, AA031367, AI131528, BF108751, AI077719, AI870311, AI636315, AI092702, AW504357, BE166730, AI151189, AI280813, BF377335, AW149704, AI949569, AI144289, AA808626, AI302699, BF092734, AA928737, AI818837, BE166727, AW085809, AI151243, AW072397, BF092684, AU153117, AW674814, AI081578, AW963712, AI229669, AW576157, AI696710, AA031366, AV704638, AA261786, AI082187, AI291767, AI22662, W44973, AA486067, AI096891, BE645337, BF732335, AA459445, BE674665, N93420, AI493100, AI810357, AA724134, AA150668, AI830807, AI126909, AI695065, AV706466, T64320, AI830919, AI473840, AA233863, AA972657, AW025734, AA975233, AA838818, BF888438, AI660743, AA678995, AA131522, AA701056, AI186771, AI095875, AI937199, AI198335, AA043497, AW151759, AI148806, AA039552, H63629, AI090278, BF888611, AW074422, AW166401, AA610498, AA079367, AI143324, AA932400, AA121939, AI419022, BF828267, AI298091, AI298830, BF432768, AA046027, AI814554, AA086173, AI291750, AI333860, AW500312, AA495941, N93195, AI279234, AA079366, AW504352, AI189949, AA235192, AA948186, AI566530, AA235305, AI459658, AL135516, AA234879, N34281, AI917944, AW996594, BF902332, AA150791, T86560, AI039499, N55334, AI219345, BF116056, BF058704, AW246911, H87243, N41823, AI459676, AI281364, AI219522, N95716, AI827160, AI864427, AI222287, AA854438, AI184792, T90637, BF888464, AA936270, AI308929, AI335780, AI749548, BF058780, T78159, AI200243, AI908307, AI146908, AW191632, H63630, AA961001, AW968730, AA928837, R72109, R53119, R92798, W77770, AA495942, D78921, N44173, AI151399, AA553709, AI089857, N35506, AI436061, BF732362, AW369792, AA088583, AI445384, AI299676, AV704653, R93253, R67862, AI277503, AI034120, N32868, Z28359, W07407, AA243431, N23435, R00240, AA279203, AA234903, AC003036, Y12781, F38006, AC012068, AC009494, T54329, T54404, T60642, T65670, T86738, T83164, R00349, R24045, R67863, R72066, R93159, R93893, R93894, H96272, N32874, N40453, N77340, N80278, W21461, W24959, W38781, W42673, W72105, AA034328, AA036664, AA046079, AA057288, AA058733, AA076639, AA100341, AA121940, AA131309, AA149505, AA224420, AA232808, AA235055, AA463265, AA279195, AA280646, AA282022, AA465669, AA661633, AA688118, AA745876, AA814049, AA830728, AA862668, </p>
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HHFUN47	718	104584 2	1 - 4688	15 - 4702	AA902536, AA978337, AA987914, AA988294, AI000298, AA486127, AA668808, AA757820, AA843183, AA854478, AA854526, AA860453, AI040515, AI041303, AI122560, AI147695, AI302206, AI369219, AI202087, AI436416, AI439578, AI401595, AI401644, AI128583, AI183279, AI184390, AI203834, AI636225, AI695566, AI948621, and AI951035. AL118822, AU120116, AW269317, AW235710, AW949780, AW835591, BE885389, AW385523, AW368195, AU136378, BF672321, AW949772, AV647327, AA020767, AA805651, AI133211, BF790480, AW611834, BF678033, AA533280, AI934341, AI129264, AI623210, AW117432, AA032025, AV728387, AI761894, AW835672, AW804652, AW368145, AW835676, BF575294, BF241005, AW501351, BE207839, AW835756, AI148094, BF673972, AI754312, AW118039, AW118031, AA056300, AW302578, AW673464, AA741269, AL040731, AI080261, AW501352, AA047451, BF449051, AI076275, BE547656, AI168388, BF701512, AA825450, BF696195, N69536, AA733179, AI372863, AA644402, H79608, R86224, W00822, AW339691, AA773699, BF701693, AI032486, AI343746, H79607, AI168384, R84852, AW592904, BE907830, R59102, AA017282, BE744773, AI863708, AV732392, AA830217, AI247995, T74357, AA083799, AW955352, H86635, BE366679, AI13340, AA773860, BF029973, AA317438, AW748183, Z25042, R98711, BE084828, BF086229, BE930149, BE930157, BF086233, R98935, H86640, Z28740, AA047508, Z44414, F12677, R77563, AI248001, R59103, BF964981, H86386, BF909593, H66174, AA325403, BE695829, BF086234, H72726, R48554, BF987882, H85264, N99687, BE930144, H86547, AA370230, R39409, R77464, M79138, R54000, BF215788, BE958434, AV725256, BF815162, AA768433, R22817, H86552, BE930179, BF343210, BF822505, AI365558, BF343307, H66175, F10288, BF807929, AA917319, H82743, AA777671, R39650, BE930207, H64896, R21203, H83618, H72727, R29960, AA354071, AI052753, AA325917, AW043708, AV657290, AI813384, AW275798, H64897, BF840999, BF343127, BF987880, AI802143, AI659361, AI633530, N77699, AI692218, C01333, AW512682, AI078548, AI373722, BF001516, BF308373, BE409393, AA295269, BE005257, AW387711, AW675785, AI185142, BG055127, BF343973, BE930154, AI589187, AA974704, R86225, BF086222, AI492965, AV732391, N84068, AI334970, BF109219, BE764445, N86911, BF332083, AA911023, AI523089, AA724435, AW771479, AL040732, AW002191, AI040768, AW629685, BE764472, BE246666, AI699869, AI479544, D79918, AI268089, AI129110, AA031914, AI433888, AI344749, AI962683, AI984242, AI261676, AI401253, AI245165, AW470003, AA020768, AI982771, R29471, AI274493, D63477, and D16924. AW630624, AV689396, BF847954, R13365, Z45071, AV688500, AJ000534, and AF036364.
HNTSV18	719	104599 5	1 - 491	15 - 505	AI261617, BG252364, AI963829, AI857990, AI431824, AI632752, AI590245, AI933341, AU150524, AA888092, AW300119, AI797786, AW969008, AA194057, AL516571, BF111123, AL516572, AU150299, AI436657, AW080248, BE219089, AI149239, AI891112, AI073870,
HWHGU08	720	104613 7	1 - 2859	15 - 2873	

HE6CR19	721	104617 7	1 - 1191	15 - 1205	<p>AW188694, AA663489, AI262316, AI188545, AA233725, AW131231, AW275906, AI217741, AI151260, AA136199, AI311481, AA448884, AA857577, AA362710, AI991404, AI678447, BF982221, AI149241, AA232531, AA770403, AI364963, BG110915, AW512180, AA808382, AW068128, BE536399, AA628392, AI360798, AI670814, AW848655, AW848450, AW959114, AW294554, AI631802, BF432569, AW848183, AW848591, AW848550, AI635883, AI359390, BF197148, AA838810, AA854733, AI356684, AW051445, AA513423, AW376675, AI816895, AW848598, AI830293, AA89216, AA845645, BE675184, AW848189, AW468079, BE675761, AI819478, AA129248, AI889124, AW848852, AA679597, AI538752, BE242315, AI922646, AW376657, AW007023, AA927982, AW165989, AA496715, AI831597, AW848523, AA918282, AI873444, AA639779, AA768903, AI802109, AA810255, AI381214, AI984461, BF890937, AA503063, AW848795, AW390112, BF891023, BF896816, AA772589, AW583936, AA603947, AW874495, R41181, BF891117, BF891035, BF941508, AA889371, AI571429, AW074692, AA627192, BF886865, AI699080, AW376696, AA904346, BF967798, R45505, R24536, AW581780, AW073135, AI934151, AW150563, AA262180, H04419, AW079470, BE695176, AI830272, R24641, AW376640, AA345408, BE695186, BF891364, R16667, BE379709, AW364968, N87220, R28439, AA504103, BE004361, AW169582, AI621369, BF697952, C01309, BF381903, AW750637, AW752630, BF129835, W72318, F17821, AF118395, AK024802, AF006516, AF118855, AL161450, AI277074, AF260262, UI7698, AF001628, and U87166.</p> <p>AL527780, AL527781, AL519895, BF684507, BE728826, BE732828, BG033941, AL519643, BF195663, BF026407, BF440019, BE781977, BF440052, BE778879, BE788075, BE780848, BE387517, BE563797, BE778881, AL519894, BE736231, AL519642, BF036674, BG105762, AA127810, BE960859, AV759501, BF725812, BE782483, AA639784, BF213309, BE779179, BF667921, BE877161, AI088520, BF593734, AI984009, AA035465, AW173349, BF679234, AW162019, BE513040, AI453530, BE675483, BF681153, AI719084, AI719711, AW575396, BE440008, W52852, BE390815, N34255, AA643698, AW160399, AW152523, AI342341, AI361959, AA121482, AI336152, AI887169, AI954927, AI142474, AI953987, BF239121, BE254564, AA088249, AW051781, AI359968, AA922338, BG254402, AI609114, AI144474, AI143580, BG025562, AI127719, AI685961, BF939832, N25654, AA120783, BG054734, AA455701, BE300789, BE784090, BF036389, AI493197, AV751872, AI337879, BG170723, AA507014, BE883738, BG252431, AI467977, AA830816, AI087247, BE253888, AI040901, AI978624, AA832498, BE276608, AA024762, BF972946, AA976499, BG254889, W80466, AA181577, AV711565, BE904995, AI291251, AW239079, BE876001, BE380086, BF516510, AW151050, N30499, AA132426, AI188805, AA120782, AI950951, AA045679, AW304280, AA865206, BG165235, AA910216, AV721356, BF028243, N33152, BG255156, AV734719, AW055058, AI680538, AI423011, BF691779, AI302349, AA974887, H74189, AA648271, AI149371, N23533, AA176232, BF111041, BE463645, AW390100, N79791, AW337755,</p>
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HE9EJ82	722	104685 6	1 - 698	15 - 712	<p>AI680260, N34854, AI190500, AA505915, N89904, N79707, AA831991, N42142, AA938653, AW407963, AI983698, AA974414, AA312807, H70394, H84952, N21267, AW055150, BF182781, BE280989, AA723429, BF217992, AW953806, BG113179, R20300, BF697509, AW152458, BE874970, H73369, AW079935, BE834190, BF701098, W60079, AA857060, AV725874, AI354756, AA846240, W76420, N43927, AA455649, AA176320, AA876647, AI631124, BF084806, AA740167, R97376, AA887421, BE739243, BF971153, W19497, AA687553, BE543360, AA836918, AA505366, BE739508, AA570008, H79944, AI189939, AW261898, W31972, AA574162, BE964765, BE894109, BF726887, AW407596, AI873685, BF244338, AI573053, W72663, AI338660, AI362342, R99236, BE961088, AA024761, BF741937, AA654253, AV737407, AA302225, BE866570, R07414, AW044054, AA837569, AW517926, W80575, C00198, AW439161, AA305409, AW439165, T69791, AW198013, AA132425, AI349594, AA182911, F13802, T70776, BF666742, H73299, AI301991, AW439156, AA743522, R99001, AA307572, H80110, N89901, BF033829, N56317, AI784471, AF151028, AL358777, AL024498, Z98752, A74520, T89607, T85051, R43641, R43641, R97377, H73965, N62759, AA035464, AA467792, N56343, AA708668, AA779494, AI244847, AI206671, AI811438, AW002325, and AW439162.</p> <p>AI264167, AW024384, AI805143, AL528716, BG176833, AW188479, AL515117, AW316653, BF978676, AW468539, BF220255, AW151268, AI660059, AI884397, AW083210, BE866994, AI857495, AL528715, AW083845, AA492597, AI183391, AW103944, BF972455, BG231692, AW247328, BE967211, AA044722, AI192356, AA155851, AI951000, AW954615, BE546302, BF345334, BE904786, BE887942, AV699862, AI127249, AI445073, AI087041, BE622662, AL515118, N92603, BF036604, AI857493, AA434308, BE741571, AA576070, AI300862, AA412005, AA524752, AI683151, N52268, AA993030, AW001923, AA055695, AV747912, AI080731, AA130480, AI434530, AI801301, AI307431, AA115961, AI612157, AI344752, AI198498, AA084354, AA872949, AA527933, N50030, N89917, AI002849, AI349158, BE046190, H27858, AI445684, AW574666, AI308038, AW591757, BE874691, AA181084, AA494207, W38769, AW073576, AA760954, AI076897, R11530, AW270393, W02683, AA833912, AI610933, AI126708, C75128, AA564733, AA834042, AI570039, BE619739, AI199906, AA479661, AA552405, T03363, AA578826, AI318567, AA812622, AA508099, AI066707, BE892061, BE905303, AI274403, BE301812, AI762529, AA244143, AI291785, AW075097, AW408246, AI291798, BE747408, AI250873, W90686, AW074529, AI950523, T29477, AW472719, AA602326, AI674354, AA694448, AA618563, AI216558, AA416905, AA358787, AA164194, AI749612, F36797, BG111256, AA705144, BF761489, N72919, AI254726, BF207259, AA885864, BE839977, AI274575, AW950543, AI093111, AA427770, AW245476, F33231, AA397569, AA622229, BE313059, AA614511, AI184775, AI749710, BE839987, BE839838, AA328240, T52766, AA678126, AW079415, BF183458, AA399530, AA977965, BE742136, AA357104, BF360273, F22057, C06188, AA357102, R96895,</p>
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HRADC23	723	104698 0	1 - 327	15 - 341	AU126881, BF983814, AI557307, AK001343, and AB023206.
HODHS68	724	104713 7	1 - 2288	15 - 2302	<p>BE792114, AL534348, AL534349, AU124491, BE562397, BE730315, BE744720, AU121103, BE741883, BE794040, BE798051, BE902365, BE734769, AU138176, BE250049, BF313678, BE274812, BE616156, BE791884, BE743514, BE792079, BE899195, BF663485, BF337566, BF026377, BE512749, BE729142, BF970574, BF974320, BF311538, BF343802, BE791179, BE794696, BE967223, BE732083, BE735292, BE891114, BE740517, BE876949, BF663556, BE612746, AW953708, BE899109, BF316276, BF220113, AU123329, BE855899, BE907314, BE261130, AU138135, BE250022, BE280747, BE388938, BE514266, AU139275, AU139772, BE617604, BE207133, BE614858, BF568538, BE646559, BE269929, BE512850, AW009368, BE407831, BF967992, AI127417, BF127578, BE304393, BF027687, BE391369, BE390191, BG180845, AV727024, BE389618, BF204525, BE896693, BE407376, BE858244, AU138529, BE891905, BE272012, BE385611, BE388055, BE398168, BE729753, BG055002, AI174970, BE269924, BE277405, BE252867, AU124535, AI745604, BE269570, BE884489, BE267965, BF967269, BE789154, BE390973, BE255883, BE253680, AU139847, AU122058, AW249536, AU135396, AI816428, BE391850, BG261416, BE743657, BG027907, AV734566, BE315559, BE730574, BF034659, BE904702, BF971755, AA837518, BE901600, BE884643, AI333777, AW960014, BF304373, AI754405, BE268246, BE387151, BF364911, BE293615, BE389505, BF436344, AW953707, BE277342, AV722757, BE254088, BE616947, BF435115, AI088783, BE389938, AI017341, W73293, BE382443, AI147213, AW960003, BE313512, AI815488, AI391611, AI687490, BE251116, BE301958, AA054638, AI978906, BE840536, BG231617, BG179142, BE208839, BE388273, AA481724, AA461067, AI762506, AA481485, BE931983, AI161029, AW072033, BE898683, BE293820, AW182359, BF681691, BF207095, BE259061,</p>

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HOPKT59	725	104716 9	1 - 1993	15 - 2007	AL538267, AL538268, AL536316, AL519069, AL518089, AL515220, AL519068, AL534091, AL518090, AL518720, AU118653, AL513972, AL516932, BE396428, BE561425, BG030683, BG168170, BE902101, BE889741, AU120625, BG258226, BF969760, BE881362, BG109328, AV715166, BG031962, BE560577, BG170701, BE271235, AV697227, BE563297, BG110584, BG035319, BE778261, AV687629, BF793338, BE867409, BE537748, BG028050, BF968668, AL518719, BE779869, BE899369, BE868440, BG034796, BF795452, BF794003, BE535885, BE536946, AI114609, AV683224, BE908653, BG170806, BG028857, BF790207, BE888202, BE176437, BE252802, AV682238, BE790123, BE884131, BE886162, BE383007, BG026597, AV648458, BE780464, AU121530, BE785759, BF317433, BG165377, AV723872, AW246426, BF102623, AW246676, BE790083, BE894533, BE621952, BG168808, BE780001, BG260764, BE176464, BE560381, BE781301, BE895718, BE542076, BE268194, AA861515, AU127224, BE866204, AL536315, BF219209, BE547995, AL134953, BE536554, BE893450, BG251870, BE537883, BF665254, AW574534, BE397344, BF130962, BG117986, AW951780, AW961790, BF665393, BF213508, BG036975, BE909591, BE393351, AI057535, AV695128, BF243084, AA640788, BE565377, BE893448, BF667482, BF241609, BF382787, BE882314, BE548460, BE966884, BE623002, BF669327, BE567045, BF030561, BF382276, AV648438, BE566531, AL515219, BE271127, AW026704, BE768761, AI890350, BF094514, BE539503, AA478931, BE779052, AA788718, AW085632, BE958103, BE910474, BE566183, AW020966, AI754764, AW027875, BF212113, BE301928, BG120145, BE939321, AA705802, AA669341, BF341741, BF431052, BE163541, BF699060, AI525599, BE566933, BF246771, AI565691, AL516931, BF668817, AW291598, AL518721, AV648187, BF028376, BG035478, AI371145, AA564341, AU126239, AI924037, AW089712, BG179942, BF594063, BE257258, BE909857, AA315150, AW474730, AI348106, BF034401, AW511476, AI913311, AI128178, AI582889, AI498850, AA789326, AW630868, AI278005, AI567879, BE271121, BG025633, BE221459, BF340121, BF377699, BF804951, BE858659, AA315129, BG108412, AV648349, AA620387, BG259842, BE542108, BE785934, BF591540, BF525858, AA599830, AW072545,

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HMCFK45	726	104721 2	1 - 1013	15 - 1027	AL521763, AL521762, BF792361, BE261099, BF526380, AI986196, BE889615, BG256168, AI921080, BF527738, BF058408, BF685525, AW129664, BF665973, AI889328, AI720586, BE778576, BE263619, BF681436, AV764474, BF527915, AL534665, BE727439, AI494337, BE043924, AW304856, AW245895, AI334063, AA878881, BE778413, BE047261, AI937111, AW005094, AA046873, AA236621, BF794030, AA436426, AA587338, AI131298, AI150026, AI264608, AI039900, AA209292, AI689537, W44562, AI033606, AA432040, AA708471, AI384070, AA431781, AI460207, AI566174, AI208747, AW245638, BE165650, AI338120, AI075087, AI148620, AA236897, AI003886, AA553372, AI160495, AI860826, N37025, AA588125, BE772371, AA991703, AI860722, BF670021, AW173632, AI031930, AI148963,

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HPIAN63	727	104738 1	1 - 923	15 - 937	

HNSME49	728	104740 3	1 - 1283	15 - 1297	BF338460, AI051939, BF330972, BE794998, BE266505, BF352037, BF313232, BE730639, BE254132, BE896911, BE898117, AW194593, T08024, AW367908, AU124147, AK022575, AF011792, AK001281, AB023165, and U89434. AL523562, AL523563, BE378573, BF206213, BF975035, BE741172, BE731890, BG169379, BF312271, BF056266, BF684218, BF204109, BF974071, BE275663, BE616390, BE266413, BE251848, BE312782, BE395951, BE738719, BE616657, BE782523, BE562006, BE394175, BE281417, BE395250, BE385799, BF699117, BE393978, AW161930, BE280885, BE266301, BF212649, BF797676, AW327483, BE383915, BE392818, AA522682, AI879343, BE207213, BE407786, BE738153, AI927308, BF684140, BE278833, BE278348, AI887795, AW157569, AI720383, AW168022, AI189980, BE267205, AW078785, BE385795, AI745650, BE786772, BF515375, BE389083, AW341049, BE779313, AL037204, AW249997, AA280809, AI621091, BE047746, AW161588, AI381975, AI879723, AI803074, AW022517, AI985130, AA476629, BE769360, AA679795, BG034061, AW163444, AI763315, AI936543, AI866527, AA583868, AI694596, W26865, AW016826, AW515140, AI685799, AI224558, AI382901, AW238803, AA076232, AI968250, AW241422, BE514362, AI825161, AI214277, BF939583, AI203033, AW602826, AI962655, BE272870, BF934247, AW207092, BE252620, AI370488, AI206860, AW377597, AA076233, AA602981, BE551059, BE765181, AI682531, BE765007, AA280861, N50855, AI611693, AA805491, AA757347, BE378176, AW378754, AW007634, AV712854, AL525708, BE765158, AA449158, AA928507, BF092051, AL121780, AL121900, and M90309. BE618503.
HWEAC64	729	104747 3	1 - 709	15 - 723	
HOCQ151	730	104748 3	1 - 1694	15 - 1708	AL526732, AL521724, BE898418, AV729573, BF037796, BF034373, BE549240, BE396381, AV726692, BF974647, BE397839, BF528776, BE513516, BE513533, BG177494, BE513961, AL521725, BE559679, BE781919, BG179481, AW016879, BE312441, AW027739, AW960345, BF000603, AI937001, AW006300, BF000621, BF223444, AW665359, AI984913, AW732370, AW027749, AL526698, AA514389, AI420117, AI376011, BE268873, AW044304, AW170680, AA927748, AI805193, AI597781, AW083552, AI285216, AI380507, AW965544, AI955084, AI131407, BG121860, AI921290, AW573286, AI220811, AW467548, AA335820, AI860832, AI567117, BE675325, H20004, BE297532, AA805985, AI497610, AW196701, N50962, AW580605, R89359, AI685370, AA463330, AI675238, BE397659, AA305422, BF247434, BE909347, BF087638, AA948600, AI749405, AA954980, AA720818, T72734, AA313736, AA352987, H81154, AA613712, AI917200, H20005, BF874291, BF690826, AI971540, T83260, AI174354, BE241897, AW467675, BF915871, AA927279, AW572779, BE269418, AA157946, AI910070, AA157109, BE241698, AK000437, AB034912, AB034911, AL136528, AB031234, AF235000, AI953044, and AI991519. AL523829, AL523830, BE748885, AU123670, AV718375, BF797141, BF568841, BE887723,
HOPKE15	731	104763	1 - 1513	15 - 1527	

	4				AA887480, BE729808, BE893661, AV715007, BE538386, BF568532, BG024630, BF983240, BF184518, AW338929, BF975383, BG028594, AW006816, AV702828, AW084038, BF699094, BF513421, AW949818, BE748296, BF212610, AI754052, AI339062, BF699690, AI860543, AA410913, AI184478, BE546334, AA829501, AI813648, AI334051, AI343363, AA447551, AA745858, AI342592, BF211853, AA441809, AA877341, AA830648, AA910616, AW327730, AI283134, BF238587, AI124061, AI858562, AA837909, AA099842, BE565203, AA134879, AA136131, AI476616, AI937399, AA134878, W37996, AA099982, AW327787, AA316961, AI937747, AA765478, AA128810, BF674972, F33250, AI298461, W37995, AA136101, AW297330, AI632923, AA375379, BF090497, C01321, AW052030, BF002225, BE710326, BE710320, BF208364, AI983187, BF246448, AA679476, BF803430, AA639630, AA278834, AA296711, F13794, AI630249, AI263057, N69349, BF215870, AA082250, T28187, AI525196, BF209792, AI904997, AA876022, AV743531, AW960459, AI081810, BF215317, AA278288, AW889690, AI301503, AA448533, AA385741, BG112635, R58264, BE828841, AI858864, AI312201, AA743611, AA129834, BE540080, AI383138, AA213847, H11824, AI354388, R65651, R32322, BE739230, AW008089, AI952885, AW080062, AW082559, AA224995, N58006, AL133010, AL133418, D38491, AF258546, AL008627, AC006530, AC005756, AK023843, AR075073, AL391259, AC001226, AC004583, AL031005, D85773, AC004217, AK000925, I27606, I27609, AL008710, L41624, AP000008, AL138825, AL049650, AC006071, AP000030, AC010677, Z95116, AL133545, AL117337, AL359272, AL096870, AC005562, AC007597, AC022392, AC007383, AP000403, U21664, AC000353, AC006077, AC010525, AP000088, AL391990, AL358933, Z98885, Z98743, AL096865, AL110505, AC005015, AL133386, AC007954, AP001676, AC005340, AL049569, AC004030, AC005953, AL023096, AC011462, U48216, U71217, AL356464, AC010458, AC008403, AL158830, AF218021, AL109980, AC007787, AP000362, AC020955, AL022302, and AA441871.
HMAEL/73	732	104764 6	1 - 2558	15 - 2572	AL532426, BE279744, BE386143, BE893884, BE315356, BE409326, BG036503, AW967111, AW961024, BE395210, BG163373, BE882916, BG164806, AL532425, AW205627, BE715432, AW519019, BE879585, AI829143, BE888360, BG119756, BE326884, BE349200, BE646191, BE787868, N57477, AA402175, AI052349, AI338603, AI494300, AL449727, AW965679, AA861385, W93399, AA643939, AI148517, AA609481, AA782461, AA305901, BF950214, AA860606, AA397690, AI494301, AI193064, AA127902, AI609156, AL449728, AI310400, AA603477, W27291, AI292350, AI186245, N47622, AI248335, AI017696, W92807, BF818795, AI188548, AA399037, AA723059, AA169582, AA056679, AA729892, AW384923, W92846, AA399076, AA778601, AA412051, AA086075, AI242362, AA976896, BF109039, AA086074, AV708868, AA843552, BE715430, AV709683, AW892880, W35189, AA044042, AI201884, AA351819, AA056575, AA317955, AI246351, AW379151, AW242255, AA338497, AA411984, R67339, AW006538, AA534373, AW379194, AI449527, R66505, AI247477,

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HNOKE42	733	104766 3	1 - 1458	15 - 1472	AL537309, AL534923, AL538147, AL514646, AL518134, AL534922, AL515144, AL514938, AL537739, BF798047, BE779102, BG110531, BF794729, BE882547, BF311527, BE784081, AL518133, BE898001, BF038322, BG122138, BE777792, BG112262, BF983614, BE885503, BE907779, BE619105, BE875113, BF312594, AW385985, BE177539, BG028156, BE868250, BE870956, BE872233, AL514645, BG109955, BF670395, BF346910, BG168710, BG026197, BE780520, BF983531, BF797061, BF339680, AL538146, BG169331, BG028740, A1129342, BF725462, BG171543, BG252293, BG249056, BE887341, AL037611, BG105682, BE888335, BF035037, BF818006, BE885648, BG164156, BF528550, BE257521, BG031713, A1802026, AL514937, A1983543, BE778562, BE882490, BF061647, A1990763, BE892035, BF965918, AL037610, BE541114, A1652540, BF316618, A1000619, BF744480, BF059626, BE536045, BF925139, BE801724, AW750023, BE895920, AA232766, BG255779, A1905957, BF342272, A1365054, BE261410, BF371935, BE702478, BF367977, BF349486, BF371940, BE142967, BF371926, BE768197, A1126461, AW934913, AW803204, AA232632, BE789515, BE255672, BE251893, BF354308, A1424726, AW934911, AL515143, BE142794, AL037608, A1393617, BF382938, BE768236, BE768129, BF358546, BF361194, BF358539, BF371904, AA913112, BF371898, BE768201, AW751701, BE004342, BF371894, AW176051, BF371900, BF358544, BE767990, BF371892, BF744337, BF744338, BF371879, BF888166, BF358573, AL537728, BF354309, BF746402, BF888256, BF358575, BE834218, BF747016, BF907582, BF371930, BF746494, BF887422, BF888144, BF746493, BG027152, BE767988, BF358579, BF358537, BF368667, BF358577, BF358572, BF746409, AL537639, BF358561, BF381335, BE160864, BF990698, BE047805, AW948956, BF371953, BF371862, BF184327, AL531930, BF309803, BE774413, BE768168, BF358557, BF367961, BE744496, BF746405, AA366622, BE768071, BG150224, BF744334, BF368642, AV726854, AW953059, AW748718, BE873784, BE379011, BF887417, BF911134, BF747018, BF371922, BF371961, R35559, BE548241, BF371889, BF747019, BF747022, T09118, BF907637, BF358578, BE543886, BE774162, BF747017, R44882, BF333533, AW057993, BF445006, BE467280, BF108461, AA420782, W26640, BF907640, H79330, BF887425, BE768196, BF907641, AA470498, BF358582, AW674592, BF356716, BF243408, BF377229, BE964054, AW948865, BG000044, BF972193, BF380438, BF948002, BE768097, BE881355, BF335554, AV729326, AA093128, BF335537, BF382440, BF380435, BE768099, BF371863, BF037905, AA155819, BF333429, R41146, BE768088, BF986234, BF358563, BF362106, BF838633, AA913547, BF371901, BE536145, BF371868,

						BE768103, BF371856, AF116272, AB041651, AF155654, AF090922, AF176646, AF095791, R34232, AA508194, and AA249393.
HOF AE31	734	104767 0	1 - 208	15 - 222		<p>AI718967, AI066500, AI191408, AA970891, W16766, AI074219, BE697102, BE174216, F25014, N45385, BE697153, AA465517, BE697155, BE933955, BF125263, BE279614, AA602119, N94010, F32882, F26209, F25830, N98860, BF890754, AI934901, N77808, AA528414, BF910925, AI338326, AW088372, AW102799, BF082865, BF446895, BF910923, BF940764, BF940090, AA320204, BE407862, BE880623, AA768215, AI151192, AA788658, AI150785, C03969, BE880657, AI302844, AA725287, BE274216, AL038871, BE250832, AI350125, AI568272, BF184324, AA983392, BF025668, AA525200, BF690188, AA977031, AI093521, AI580262, AI720008, BF982252, BF982387, H97078, AV757870, BE280265, BE746297, AI313204, AI626036, AA526171, AA877563, AI144433, AA934574, AI079769, BE537552, AA573686, AA639915, BE336619, BE621249, AA574008, AA976783, T51767, AA492272, AI189510, BF689799, BE621639, AI281422, BE070317, BE270062, BE206770, BE731365, BF726456, BF792623, BG179454, W70094, BF314551, AW804011, BE514138, AI926973, BE278145, BE279378, BF949692, BG104162, BG104416, BF594000, BE252445, BG116305, AA845331, BG033879, N75412, BE795222, AU159719, AI279463, BF210737, AV742989, AA568387, AI201886, AW768247, AA526497, AW084218, AV712368, BE385906, BF239254, AW731911, BF035862, W05113, BF184184, AW955528, BF686583, BE314818, BE275317, AW970035, AW970026, BE298305, BF025789, AU122825, AV645751, BE384271, BE885135, BE735322, BE274738, AI626023, AA315135, AI417313, BF983625, BE906981, BE880936, BG035931, AA642788, AW192600, AW102964, BE252941, BE312467, BF949657, BE719070, AA894481, AA737308, AU122918, AA872663, H93685, AI440105, BF245202, AV758831, AI187012, AA829129, BF238782, BF978001, AA609288, BF037764, AA760958, BE697121, BE409754, BE877422, AW951759, BF026394, AI187043, BE729053, AA448150, AV714599, AI205981, N94451, R77045, BF210261, BE697128, AW514708, BF215823, AI187001, AA578537, BE878700, AA181352, R76883, H20456, AI219168, AI185992, AA614765, AA738347, AA708433, F29053, BF212130, AI984516, BF211261, BE733706, BG107033, BF207675, AA492189, AI869280, R83917, W30797, AA503282, AA781308, BF247001, AI301663, BF673951, AV744514, AA782226, AA448007, H94367, AA771978, AA844201, AA134082, AI984517, AA782267, AA843941, BE259316, AA928994, AI205979, BE939608, AA732966, BF125305, AA508863, AA349148, AW514216, AW161501, BF218574, AI815573, AW513129, AI816249, AI027040, AA962040, AA373789, AI336883, AA081960, AW082030, M36647, Y00764, S61826, and AL122001.</p> <p>AA524368, AI696510, AI674756, BF726517, BE219922, BF115854, BF082289, BF223977, BF082295, BE709446, BF994702, AI653814, AW970760, AI493036, BF082257, AA927734, BE709723, AI742259, AI273298, AI751752, BE179959, BE179828, AW023832, T58856, BF086689, AI335806, AW193944, AW969786, AW387268, AA491635, AI982984, BE812093,</p>
HCLCX62	735	104771 6	1 - 1943	15 - 1957		

	736	104782 0	1 - 844	15 - 858	AW470026, BE709567, BE539350, AI857357, T89304, BE739032, AI547028, AI675754, BE082768, BE739801, BF088073, AI445968, AW388312, AW387270, BF917173, AW385195, BE172789, BF821441, AW023717, BE737818, BE934955, AV652592, BF082269, AV652296, BE825625, BF734771, AI255016, AI144048, BE857901, AI254886, BE042127, BE926707, AB033043, and AL157473.
HNOAC93	736	104782 0	1 - 844	15 - 858	AL518708, AI522090, BF348129, BE908863, BF975880, BE984731, AA524293, AU158473, AU151722, AA172255, AA778442, AW071432, AI962941, AA995288, AL041464, AI921770, AI913019, AI339531, AI375317, AW338852, AI762975, AI982701, AW001982, AW005552, AW173712, AA682389, AA703497, AW272286, AA291361, AI559320, H30144, AW002560, AI078626, AI374801, AI799670, BE326490, AA039605, AA837865, AI634266, AI811885, AA938195, AI198953, BE049418, AI337411, BF590509, AI202521, AA286830, AI376062, AW591316, BF221893, AW276312, AI803146, BE677095, AW241544, AI671111, AA999947, AI635535, BE046926, AI380918, AI144276, AA045667, AW003959, AW576619, AI926506, BF339142, AI380249, AW050926, AI343816, AI962358, W06948, AW000771, AI986113, AI341453, R20109, AI345956, BG057782, AW316665, AI804761, T32375, AI889528, AW189035, AI273528, BF448893, AI470679, AI582500, R83376, BE350636, AI439844, H43845, AI983302, BE465975, BE671908, AW015804, AI358272, AA658160, AI829562, AA503941, AW576624, AI492102, R43161, BG057004, Z24817, BE839929, AA573547, AA652859, H44678, AW023495, T30328, AI033000, N49249, BF589973, AI203037, AI968272, AA205445, AI582619, AI492974, BF000526, AI470826, BF447211, AA428059, BE645811, AI912962, H26401, AA403302, AA581617, AI675362, AI394724, AI473131, AA569977, AI659621, AA894924, AI271700, AI969076, AV708091, AI810463, AV708568, BG152616, AI636203, AW168376, T31879, BF222896, BE247374, AA461344, AW796804, AA461170, AA565451, T36184, BE965443, AI570375, BF823699, H26136, AI699563, AI678338, BE046814, BF823545, AA573555, AW952581, N91497, AW798340, AW300260, AA776537, R00293, AV662182, BE877215, W24212, AA579280, AW438921, BE925445, AI432919, AA910303, BF849610, N91964, F35064, BF038681, AI671617, BF876344, AI990681, AI141248, BE827926, R16094, BE621795, F18684, BF930781, BF876112, AL040081, AW374653, AI867546, AA039691, BF956789, AI522211, BE938287, AI416955, BF840152, AI083775, BE764993, BG106099, BE180909, AA627941, BF690240, BF904244, AI586962, AL121069, BE764982, BG150593, AA947649, AI969263, AK025903, AC004493, AB016091, AB016092, AK025579, AB002322, and AF201422.
HMEJA45	737	104784 8	1 - 385	15 - 399	BE292722, BE311856, BE790470, AU077190, BE934813, AL521862, BG171245, AL521861, BF033257, AF091242, AF150754, AF074331, AF173365, AF085144, AF052453, AF160504, AF009615, and AF160503.
HLDAS11	738	104793 7	1 - 2233.	15 - 2247	AL527385, AL527336, AI085594, BE675424, AV648480, AI979021, AI888200, AI888205, AW571478, AW001578, AV719198, BE082789, AA411613, AU151314, AU147730,

					<p>AV695890, AW474738, AA235006, BF591727, AI473648, AW444436, AI453775, AA976885, AI554850, AI744678, AW662311, AA432198, BF826164, AA411193, AA856575, AI802375, AI240381, AI805984, N53228, AA902517, AU153139, AU153201, AU160220, AU149981, AA633556, AW571651, AU146533, AA732554, AA398095, N73775, AV648281, AI658850, AW591720, AA693813, W03922, D81541, BG056884, AW591305, AI269162, AI050698, AI093710, AA257980, AA872982, AA233692, AV656068, D81376, H57533, BE090253, H57534, BE089691, R32629, AV650024, AV651265, BE090262, BE089675, H72479, AI378463, AU143071, AI278448, D61024, AW970707, AA356813, D80871, BF767608, AI572718, AW021225, AA381648, R71379, AA399573, BF242145, H15501, AI536017, AI291594, AA381354, H72880, BF591732, AA768658, AW803196, AW390750, T79641, AU122030, AW998422, BF185555, R31158, T79727, AI872714, T80069, AV696210, AA381995, AA579383, T80891, H72158, AW998416, N66352, AA236265, AL045223, T70314, BF116026, BE547062, BF360188, AA321074, Z41949, AA295261, BF510030, AW503123, AI619790, AW388020, BF828794, N98415, AI582180, BF896721, BG152697, AA454520, D87742, AK025122, AK025506, and AK026489.</p>
HWMJB31	739	104800 9	1 - 976	15 - 990	<p>BE304457, BE617215, BE794425, BF744311, AW419202, BE906071, BE409035, H38334, AI124650, BF759902, AL533012, AA300183, AA324325, AL532968, BE409065, BF923651, AA299557, BG255262, H53446, BF745967, AA337307, AA336843, AA299817, AA336805, H30706, R84598, H38499, BE617695, R89516, BE082820, BF857426, AW578650, AW361826, BF870291, AA663855, R46417, BE796786, AK024593, AX013117, M27444, AF233349, and AF233348.</p>
HAZAA31	740	104818 8	1 - 2129	15 - 2143	<p>AL515521, AL518695, AL515714, AL515558, AL515715, AL514564, AL515894, AL516404, AL534973, AL518694, AU131173, AL515895, AL534974, AL515559, AL536049, AU130290, BE794152, AU125520, AL516317, BE733098, AU125092, BE746923, BE794981, BE791638, BE731397, AU130373, AI188253, AU143550, BG023902, BE744896, AL516316, BE531024, AU124578, AU125971, BF792516, AU138955, BE616473, BE729421, AU125450, BE615200, BE615543, BE563848, AU125003, BE275254, AU131011, BE728018, BE869056, BG035448, AU142978, BF527447, BE789624, BF340883, AU131096, BG024796, BG177633, AU126508, BG109742, BF530968, BF984286, BE615009, AU123237, BE786105, BE731315, AW166145, BG034286, BE896158, BE782098, BF341031, BE543473, BE274751, BE735992, BE734587, BE744172, BE271218, BE869393, AU143024, BE869793, BG029911, BE876396, AU141457, BE614701, BE869741, BE614465, BG115206, AI476768, AU122005, BF797789, BE614982, AU125950, BF970334, AI625268, AU136128, BF970691, BE901014, BF026355, BE618475, BE276036, BE676167, BE616881, BE779338, BG115054, AL515520, BF206604, AU121965, BF026079, BE869898, AU125968, BE617234, BE781881, BG105890, BE336933, BE273463, AW076037, AI879038, BG176859, BE892191, BE513174, BE397646, AU141603, BG108066, BE673534, BE619328, BF982855, BF569494, BE880193, AU142767, BE546811, BE257373,</p>

<p> AU141109, BG033903, BE868662, BE251831, BG028919, BF981033, BE542904, BE872784, BG116865, BE396649, AU141666, BG030818, AL534029, BE785400, BF183010, BE409019, AU129778, BE871920, AU120301, BE789804, AW006207, BE887026, BE513936, BF526694, BE729696, BE546759, AU166818, BE384449, BF125365, BF982339, AU127536, BE884839, BE384228, BE888681, AA918153, AA401829, BE793518, BE261909, BE261086, AW328489, BE545367, BE270074, BG252271, AU131824, BE311587, BE301301, BF691757, BE867766, BE786130, BE616680, BG170609, BG120079, BE465573, BF530135, BE540795, BG031241, BG255541, BE885615, BE549332, AA576732, BE788731, AW467975, BG122082, AW073925, BE894664, BG035513, BE545226, BE548744, BF026528, BG114923, AW170136, BE542358, BF796830, AI571741, BE614477, AW467237, BE615090, BE895634, AU133665, BE78951, BE221317, AL536048, AA488671, BE910415, AA173087, BE614925, AW239520, BF691519, AW239235, BE613859, BE740522, AA293660, AU126194, BE252807, AW440952, AL567736, BG177861, BE787660, BE892362, AW161166, BF125980, AU139187, BG034736, BE869994, BE543505, BE867425, BF570128, AU149114, BF529384, BE736509, AW467532, BE259323, BF983758, BE741860, AW401516, AA486054, AU150557, BE018830, AI922907, AI569478, BF206585, AU149524, U55017, X67688, L12711, U09256, AF195533, U05809, D17222, U90889, Z49258, A74840, AF026816, AK000486, AL359622, AF087943, I89947, I48978, AK026462, AK026480, AL122050, AF111851, AK024538, AF026124, A08916, AF130099, AF057300, AF057299, AB048954, AF242189, AL050277, A08913, AR013797, AR079032, AF177401, AL442082, A08910, A08909, AF314091, AF116691, AF097996, I48979, AR038969, AF111112, AK026927, AX027129, A65341, I33392, AL049314, AF119909, AL117457, I89931, AF017437, AR087170, A77033, A77035, AK026542, AK026744, AL359618, AK026532, AF119865, AF130059, AF090943, AF067728, AX042059, AK025339, AK026959, AF116654, AF090900, AF158248, AL110225, AK026593, AL389982, AL137521, X63574, AL110280, I03321, AF119860, AL117460, AF090903, AF130082, AF260566, AF116631, AK026408, X82434, AL049452, AL080159, AL133565, AL133075, Y11587, AJ000937, AF183393, AX006092, AF113677, AF113699, AF130105, AK027164, AL117435, AK026534, X72889, AF091084, AF116676, Y16645, AL110196, AK000432, AL390154, AL137459, AL137538, AK025798, A93350, AL389939, E07108, AL050149, AX010492, AL050146, AL353940, S68736, AF116644, AF118094, AK025967, AR000496, AL137560, U39656, AF130075, AF125948, U00763, AB051158, AL137271, AL110221, AL353956, AL359620, Y07905, AF119875, AL137550, AK000137, AK026506, AL049464, AL133016, AL359615, U42766, AL080124, AJ012755, AL122110, AK000618, AF113019, AF119899, AK026528, AF218014, AL050138, AK026629, AF143723, AK025084, AK025209, AB048974, AK000083, AB052200, AF116682, I00734, AF146568, AF090901, AL122093, AF056191, AL133560, U35846, X96540, AF003737, AF113690, AL049466, AB048964, AB048953, AK026526, AL133640, AF225424, AK025414, AF079763, AK027204, AK025491, </p>				
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					AK025632, AF116646, AF113013, Y14314, E00617, E00717, E00778, U80742, AR011880, AF078844, AX026824, AX026823, A58524, A58523, AK024524, AL162083, AK027096, AL049283, AL050024, Y11254, Z82022, AL137648, AK027213, AJ238278, AL137529, AL050108, AX019230, AB019565, AL133104, AL137557, AK000445, AF116610, AB050510, AB047904, AF106827, AL117585, AK025573, AF130087, AF111847, AF321617, A08912, A12297, AL133606, AL122121, AL137463, AL122123, AF116688, U67958, AL049430, E02349, AF177336, AL359583, AL133557, AF113691, AK025524, A03736, AF116639, X98834, AF230496, AF175983, AR038854, AF119883, AF113694, AL137429, AB052191, AL049938, AF118070, AK026353, X70685, Z72491, R11154, R11155, R61204, R61205, R79037, R82674, H06105, R88575, R88638, H89977, H97031, N20224, N29291, W01143, W39387, W90318, W90788, AA001026, AA001027, AA045864, AA045839, AA070190, AA070292, AA070357, AA070358, AA070481, AA070558, AA074270, AA099007, AA099084, AA100370, AA112324, AA113133, AA113319, AA113419, AA158425, AA161510, AA171894, AA171909, AA172133, AA172332, AA173086, AA181768, AA182500, AA188815, AA188874, AA190370, AA226831, AA232335, AA236112, AA252143, AA552493, AA602882, AA570110, AA715356, AA729664, AA742253, AA806118, AA812288, AA824474, AA847354, AA858261, AA946720, AA954833, AA962451, AI002354, AI056476, AI074092, N95471, W24332, N89489, AA075927, AA206265, AA204864, AA652569, AA654095, AA214690, AA219770, AA263126, AA291452, AA291572, AA293661, AA394032, AA435532, AA471144, AA479633, AA477312, AA482658, AA486529, AA486689, AA486886, AA599171, AA653590, Z19810, AA677353, AA705314, AA853708, AA853709, AI076541, T10999, T11202, D19660, D29413, D29620, F02619, F06321, AI339820, AI343885, AI343889, AI434095, AI143455, AI193890, AI658714, AI637537, AI538586, AI272956, AI587111, AI587573, AI874085, AI886054, AI871867, AI872512, AI933324, AI961916, AI969392, AI970023, AI992269, AI983011, AW089277, AW075799, AW169503, AW236376, AW239031, AW263447, AW172773, AW079605, AW339684, AW339732, AW449049, AW589453, and AW630993.
HOCMC83	741	104830 0	1 - 2694	15 - 2708	AL527718, BE727092, BE277284, BE799194, BE383971, BE903316, BG255149, BE269261, AU130997, BE893222, BE409350, BF026446, AW967431, BE278876, AU127743, BE388306, BE296444, BG255006, BE297279, BF026993, AA400211, BE390589, AL037594, AI972516, AU124175, BE261560, BE277082, BE389530, AU129574, BE617885, AA400122, AL527719, BE390249, AA237058, AI923544, AW167897, AI923081, BE297995, AA582199, AU151663, BG179436, AW962854, AA236859, AU128680, BE297707, AW081352, AA599540, AA594981, AA075795, AA757241, AA490530, BE617429, AL037593, BE515229, AI190926, AI420338, AI342628, AI623217, BE464071, BE464072, AW511378, BF061878, AA620310, AI199369, BF923681, AI553839, BF568678, Z44647, AW015643, BG117344, AA311944, AW013951, AA258294, AA918784, AA768625, BE833134, AU155528, AW246032,

HCFCs40	742	104842 7	1 - 4397	15 - 4411	<p>BF811180, BF725206, R52991, AW137711, AA853706, BF239336, AI765578, AI263981, AI636012, AI741565, AI192535, AI318068, AI193595, AW136361, AA937515, AW007769, BE907346, AI345693, AW207818, R52992, AL534491, AI452748, AI349763, AI572849, BE908056, AA282450, AI223887, AI311522, AI311708, AI310871, AI254048, AI223509, AA601132, AI334439, AI365274, AI250579, AA601128, AI859662, BF057904, AI307099, AK022579, AK026908, AK023030, and AW589974.</p> <p>BG164191, AL135185, BF983123, AL041280, AV687584, BG250650, BE788908, AV645574, BG115164, BF342638, BE876977, AA702184, BF671348, BG248849, BF351087, AA152030, AW474133, BE539165, BF513442, AW269763, AI962971, AA935874, AI150109, AI554409, AW007775, AW468469, N34238, AA890008, BG169542, AW021321, AI082758, AI922307, AI199306, AA282370, BF248155, BF374008, BE547356, AA037349, AL041279, AI688218, N22419, AA278551, AA406318, AA152104, AI367278, AI797211, AA203606, AA258062, AL038734, AL038733, AI089356, AA884389, AA017390, BE930063, AA661741, AI082269, AI770119, AI824725, N31270, AA421935, BF352616, AI027376, AA233026, W39547, AA918822, N25640, BF352611, AI027020, AW876088, N39100, AA911009, AA836812, AA992896, H04053, AW876064, AI002479, R55560, AA970541, AW995402, AA332109, AA806318, AA759257, BF885893, BE177081, AA232852, AA593839, AV697997, AV695832, AI797333, R68540, AV690252, H68957, BF926234, AA485458, N22883, AV734002, AA337924, BF820595, BF926247, AV694870, BF820597, AA338489, W44899, AW241214, H65584, H03366, Z19311, R67924, R55321, T67446, AW243674, BE048922, N70432, AA017389, AW876067, BF759974, R68246, T96685, AV696911, AW965295, AW876091, BF927515, BF820591, AA376097, BF763395, AA236633, AA994146, AA336479, R36914, BF858626, BF755224, F00568, N48457, AA282020, AA094925, BF735336, T69479, BE714862, BF126700, AW103805, AW799660, BF924148, BE165021, BE542967, BE161951, AX013176, and AC009778.</p>
HVCAA65	743	104859 5	1 - 1131	15 - 1145	<p>AL521488, BE794903, AL521487, BE563119, BF311687, BF663525, BF316035, BF972207, BE379400, BE733903, BF969940, BE379536, BG177397, BF663800, BE741051, BF971998, BE729168, BE736783, BF973389, BE745021, BE909578, BE733626, AI660852, BG248225, BE901526, BF974412, BE795026, BG119307, AI417797, BF032519, BE787609, BE535312, BF308375, BE379343, BE897445, BE515175, BF982093, BG034587, BG031389, AI884769, BE873096, AW189946, BE407248, BF439454, AI884696, BE735454, BE265534, BF033418, BG164975, AA779721, BE383460, AW467291, BE892125, BF685536, AA886993, BE410832, BE254532, BE262168, AW964964, BE892855, AW001586, BE536855, BE736274, BE222590, AI224897, BE907203, BE395007, BF432624, AA521312, BE251359, BE620472, AI394546, BE620877, BG256162, AI018808, AA520988, AI951973, BE255086, AI301892, BE392541, BF382865, AW247221, BE545214, AA866196, BE302496, AA594969, AI015226, BE790135, BG112878, AW246255, AI457658, AV709367, BE207409, AI680866, AI185022, AW410905,</p>

AI690730, AI560911, BF195109, BE263186, AI222862, BF035000, AA143013, AA488438, AI421154, AI083562, AI161051, AA057650, BE266339, AI313489, BG171300, AW104028, BE540945, AW277029, BF183035, BF105180, AI204496, AA313677, AA622487, AW273003, AW410906, AA528430, AI340992, AW327332, AA488577, N57245, AI971897, AI340988, BE541318, AA489382, AA902989, AI373803, BF977175, AA436879, AW248218, BE501676, AI292198, AI955515, AW247195, BE313415, AW270773, AA622566, AL036091, AI909916, AI088015, AA632301, AI954852, AA863149, BE219651, BF308925, AI432992, AI908146, AA642561, AA614713, BF940137, AA579742, BF246773, AI312532, AI423111, AI952626, T73799, AV735109, BF245643, AA448704, AA631690, AI318295, BE407483, BG032474, AW087564, BF439703, AI130011, AV733488, AA147328, AA631651, AA630694, AW265162, AW270774, AV762575, AI752067, AA194577, BF130181, BF217755, AI318565, AA226086, AA908534, BF673869, BF687858, AA148572, AA478075, AA009636, AA908531, BE378128, AA764730, N29828, AV760946, AA974940, AA489441, BF107488, BF029771, AA873031, AI952403, BE866319, BE547613, AW510470, AA737355, BE566152, AA225892, BF701037, AV762201, AW169105, BE973655, AA308229, AI718050, AA621098, N80196, BF058179, AI186576, AA477620, AA316951, AI089837, W45392, BE835394, AA309223, AA312263, AI343866, AA824657, BF239001, AW327651, AI752068, AA953064, N80864, BE182893, AA151118, BG057355, BE395471, BE743044, AA317503, BF240208, T64208, BF663602, BF237904, BF572688, AI240262, BF799774, AA194701, AA219257, BE539596, AA150197, AA635881, BE566052, AR062121, AF054185, AF022815, AR036383, AL078633, D30804, AF019662, U09226, AF130109, X61970, AL050146, I89947, X87582, AL049938, AF119899, AK026462, U35846, AF130082, AL133640, AL157482, AF090903, Y14314, AF130104, AF130110, AL137271, AF087943, A08913, AL121656, AF130105, AF116682, I48978, Z82022, AL110280, AR038854, AF090900, A08916, A08910, A08909, AL389982, AK024538, AF130100, AF183393, AF116602, AF116646, AL137550, AL133560, A77033, A77035, AX040974, AL137533, AL137527, AK026744, A08912, AF116644, I89931, AK025383, AF242189, Y09972, AL353956, AL117435, AL122049, AK024588, AF130055, AR087170, AK026642, AF119871, AL117583, AK026762, AL162062, AF130099, AF177401, AK027164, AL133072, AL389939, AL080124, AL162002, AF113677, X65873, A65341, AK026542, AK026528, AF111851, AL133016, AK026551, AL122110, AF113019, AK026480, AK025798, AK026593, AL353940, AL122121, I48979, AK025414, AK025092, AF185576, AL137521, AL137557, AL133080, AB050510, AK026164, AK000323, AL133077, AF026816, X82434, AL080159, I33392, AL050149, AK025484, AL442082, AL137480, I26207, AL359941, AB048953, AF119878, AF217987, S78214, AL050277, AL080148, X63574, AF008439, AB019565, AF116691, AK027113, AF132205, E02349, AL359596, AX045627, AF111847, AK027204, AK026927, AF116631, AL122118, AJ012755, AF113694, AX040958, AB051158, Y11587, E04233, AL049382, AB048919, AK025084, AK027160, U96683,				
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					<p>AL050138, AF271350, AL137476, AF116676, AR083266, AK025339, AK026506, AF260566, AF230496, E07361, AF091084, AB052191, AF218031, AL390154, AF116654, AL117460, AK026630, AK025632, AK025312, AF175983, AK025524, A03736, AF155148, AK026408, AK024524, AF116688, AF118094, AF119875, AJ299431, E15569, AJ238278, A93350, AL133075, AL117457, AB052200, AX010492, AK026865, AL049430, AL389935, AR011880, AK027114, AF067728, AX042059, AL050024, AJ242859, AF113699, AF119865, AK000137, Z72491, AL133081, AK026741, AK026784, AK000083, AF153205, AF155221, AF116649, AL359620, U80742, AF090901, Y07905, AL050393, AF106862, AF090934, AL049452, AJ000937, AK027116, AX019230, AK025772, AF130077, AL133113, U42766, U58996, AF314091, AX026824, AX026823, A58524, A58523, AK026464, AL137526, E06743, AK024992, AK027096, AL122050, AL080074, AK026045, AF225424, AR070212, AL359583, AB048954, AL137538, X84990, AL117585, AF026124, AL359601, AL110221, AF162270, AK026855, AL122093, AL137292, AL122123, X72889, AF130066, I03321, T64397, T73886, H30403, H88512, H88550, N22079, AA009910, AA057747, AA130010, AA143332, AA143203, AA151189, AA151190, AA149027, AA149028, AA190632, AA191161, AA459678, AA459800, AA528411, AA533960, AA635898, AA664865, AA856709, AA991383, N56485, C00840, AA219498, AA219499, AA442637, AA448703, AA719478, AI074118, T25089, AI352380, AI685499, AI695709, AI798506, AI798587, AI873973, AI914791, and AW272968.</p>
HSPSI76	744	104863 5	1 - 1565	15 - 1579	<p>AL529145, AU133429, BE867986, BG252333, BE271706, BE740302, AU117989, AU120241, AU122034, BE271984, BF203856, BE867492, AU137105, BF303688, BF307688, AI752379, BF244040, AW886218, AW886128, BE833911, BE299053, AI278609, BE868368, AI457850, AA187381, BE742959, AW886280, AW239196, BF923339, AA121094, BE833947, BF869810, AA829366, T76935, BF770427, R21366, BF508501, F13103, BF370227, AA375513, BE909941, AW886183, BF868618, AW177718, W48584, BF035356, AA931695, AA634901, N42517, AW754090, BE244022, W81160, AW089800, U90441, A87005, U16163, L81778, AC000960, AC063976, L81779, L81775, L77044, L81777, AC002195, and L81780.</p>
HVVCH35	745	104865 8	1 - 1309	15 - 1323	<p>AI719545, BF116178, BG248226, BE886380, AW024407, AW081534, BF207082, AW003531, AL044449, BG250696, BE538221, AI885407, BE784939, AI553796, AA613650, AW246550, AI921772, AI673517, AW082921, AI417178, AA490655, AI340075, AI214250, AW263806, AI560048, AA595365, AW960860, AA580265, AW872780, AI360297, AI870293, AI829934, BF036691, AA490654, AI827461, AA857878, BE537572, AI360358, AA846693, AA001318, AA374910, BE314431, AI318298, BE837126, AI085813, AI376538, H27782, BG007963, AW135529, T07218, AA948279, AW074629, AA568231, AA910140, AA297010, AI494449, AW248341, AA953262, AA832012, BF511306, AA297016, AI423518, BF529929, BF244493, AA906871, BE884493, AI383030, AW150846, T30682, AI140575, AW025214, AA001905, AW407144, AW248342, C01279, AW152182, BG181066, AW149925, AI619502, AA911767,</p>

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HSYBI49	748	104915 1	1 - 1181	15 - 1195	

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HNOJA87	755	105028 2	1 - 2924	15 - 2938		AL528169, AL535044, AL528170, AU131181, BE612946, BG105002, AU135757, BF056657, BG171550, BG033825, AI479941, AI355267, AU131478, AI189439, AU134843, BF667911, BF677918, BF672445, BG165663, BE079463, BE536085, AI955006, AW471118, BF244058, AV702059, BE221662, BG121124, AW382750, BF696174, AA927437, AW151212, BF107560, AU132059, AI819834, AW953778, AI609284, BF698990, AI859794, AW439324, BG030945, AU139994, BE612496, BF028646, AI206535, AA860250, AI831104, AI742145, BE813327, AW966808, AI956036, AL135266, AW367356, AL036155, BE876988, BG252879, BF126329, AI720945, AA994665, AI743900, AW993504, BE566902, AA664184, BF060653, AI687733, AA173561, BF799366, BE535901, AW379843, AI653816, AW367281, BG111300, BE567331, BE865972, BF572976, AW835282, BE694658, BF576110, BF132692, AI090217, AA629687, BF673893, AI149995, BG032487, AA081847, AU153674, BF092922, BF247055, AI299830, AI707818, BF670498, AW387918, BF673455, AU158254, AA946803, AA633514, AI147273, AA425997, BF840663, AU155668, AI276038, AI879555, AI804246, AW439334, AI567777, BF092879, BE388238, AU156261, AI880793, BF838803, AI735680, BF838796, BF793693, AI276669, AU152974, AI344762, BF840775, AI859784, AA642439, BE885399, BG170726, BE885385, AA261974, AV655055, H06260, AI095469, N31351, AI879172, AI123856, AA904011, AA400199, BF839703, AW379309, C75199, AA461594, AI150095, BF092870, BF840784, AA400360, BG170799, W45460, AI753004, W45505, BF240790, N21396, BE762409, AW862124, N27476, AA434134, AA774539, AA297332, BE762380, BF211905, BE566602, AA084443, BE702058, AI432961, AI439952, AA088269, AI039241, AA363799, AA687881, AA757780, AI149443, AA088377, AA425792, AA716770, BF092862, AI587227, BF092859, BF883837, AA666166, AI694247, AA037565, AA666252, BF922973, AW089309, AI174215, AI285541, AV697011, BE150667, H88419, BE775018, T40915, AW023229, BF840777, T83573, AA297916, AW020753, BE071395, AI186553, BF149317, AW675220, H95457, AI216872, R52751, C04099, AA363800, AI696248, AA806908, H66112, BE544848, BG015556, AI003224, H06261, C75103, H88359, BE932943, N93320, AI475318, AA298199, BE004156, AA101870, BF438939, AA298660, BE071333, R15217, BF753802, AA761472, AI572307, W25142, BF935223, AA894878, BF508277, AA297827, H66066, Z42814, AA173725, R52700, H88085, BE150666, H95456, W40496, AL535043, AA305188, AW364994, W40505, T85599, BG254457, AA516125, BG223547, AA065145, AA064868, T48493, AI300725, H88086, R78625, AW674695, C02996, AW496824, S74017, U20532, U70475, AF037350, R41655, R41655, W40502, W45509, AA032072, AA034284, AA099411, AA730470, AA954636, N86667, T10535, Z38956, AI866062, AW238674, and AW512933.

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HHFGN14	757	105053 6	1 - 3333	15 - 3347	BE616112, BF792009, BF311929, AI039583, AI539772, BF797018, AV652556, AI911696, BF337750, AW328182, AL039415, AV709890, BF341677, AI924929, AI024590, AI799360, AI047238, AW151199, AI610202, AI354867, AW264758, AL047276, AL047492, BF725615, AW372255, AI620267, AI048362, AW242103, AW118263, AI860374, AA576772, AA464454, BF967859, AA534442, BF967317, AI048103, AW362999, BG059706, AA394278, AA579402, AI129572, BF741330, AW150084, AA905545, AA918638, AW072583, AI445594, AI042547, AA953112, BE044458, AA614134, AI089102, BE677448, BG059650, AI270652,

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HTAIN76	758	105055 3	1 - 1664	15 - 1678	BE379181, BG248320, BE394344, BE304882, BE870646, BF342593, BE869659, BE395299, BE378779, BF347272, BE867897, BE304851, BE273083, BF034604, BF528940, BF348521, BE315252, BE394405, BE869523, H11951, AL039694, AI087281, R12830, BE273008, AW800353, BE741880, BE395735, AV695990, BE871000, H58758, BE410611, AA158857, BE273259, BE764627, BE740366, BE563582, H97070, M78038, BE255407, W30987, AA377820, BG251142, BG164164, BE744662, D31501, R06968, BF569502, BF569624, H22720, W78867, BF746701, BE874990, BF529027, BE781411, BG166165, BF688742, BE383214, BE394738, BF821988, AA179431, N59613, AF016903, AX011664, M64780, AR043380, and M92657.
HL YBO89	759	105070 2	1 - 1095	15 - 1109	AI681294, AI694310, AV733516, BE379742, BG167007, AI640172, AI074606, BG121897, AI670881, BE797790, BF940039, BE741302, BE742046, BG163770, AI858065, AI681393, BF984484, BE790111, AI400174, BF978941, BF973090, AI761953, AI910439, AI089029, BE048642, BF219348, BF670338, AI670873, BF247903, AW614075, BF245676, AV723510, AI991986, AW262850, BF542114, AW951106, AI457787, AI431584, BF213100, AV733272, BE866235, AA582224, BE293715, BE293433, BF197587, D56385, AI681691, AA459997, AA282970, AA632011, BF208865, AI769114, AA460091, AI091029, AI375169, BE958578,

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HMEKJ82	760	105076 7	1 - 583	15 - 597	BG037143, BF676815, AL527704, AU125963, BF028753, AW408138, AA952954, BE782652, AV763225, U26424, U60206, U28726, AJ001529, AF271361, and Z25422.
HOFNX17	761	105096 9	1 - 669	15 - 683	BG167328, BE565189, BE789424, BF243458, BF215528, BF973004, BE738025, BF244163, BF665298, AU135381, BE738188, BE567581, BF107150, BF971769, AA129310, BF686527, BF573009, BE882050, BF685893, BE889391, AU136700, BG118456, AU139656, AU137801, BF981334, BE883571, BE885625, AU138337, AU137564, AU137423, AU135571, BE885645, BE886273, AU138129, AU139930, AU135525, BE882507, BE889674, AU138813, BE885940, BF340792, BF219314, BG117049, AU137131, AU139496, AU136839, BE395726, BE613877, BE784318, AU122831, AU139272, BE890074, BE889354, BE393571, BE019690, BF672909, BF091549, AV756671, BE890028, BE889618, BE785202, BF790680, AU135762, BE883722, BE890010, AU137370, BF672419, BE869220, AU135495, BE888097, BF673438, BF029110, AU138607, AU137127, BF972534, BF246106, BF130804, BE883891, BE566362, BE787422, BE613536, BE746626, BG164494, AU117349, BF245980, BG121662, BG121427, BF980639, AU135221, BE890043, BG111978, BF245291, BG036076, BE777467, BG119474, BE886256, BE884608, BE888717, AW950757, BE439455, BF683998, BF107275, BF696507, BE613538, AU122830, AW366472, BF107233, BF979239, BF698764, AV757833, BF349437, BG250298, BF671133, BF037244, BF700315, BF672562, BF031223, BF084959, AW366471, BE865476, BF349429, BF217501, BE567062, BE567857, BF696793, AV716650, BF218154, AW366486, BF685662, AV714843, BF243102, BF217410, BE546162, AV757230, BF680563, AV717869, BE160289, BF242795, AV756534, AW366462, BF245428, AV734845, BE160277, AV716730, AW366477, AV757969, AV755997, AV761675, AV763314, BF245840, BF209181, BF242088, N79355, BF218920, AV756589, AV713049, BF572307, BE886383, BF214785, W80546, BF692781, C18232, BF107418, AU138502, AU134300, BF241022, AA348570, BE928764, AA852087, BE565641, BF243032, BF028253, N85304, AV747314, BF149206, AV714294, AV748590, BE884043, W07418, BG010285, AA095823, AA344036, R95461, X56649, U24656, I02238, AX004164, AX004167, X95108, E01979, and E04245.
HAOSY21	762	105109	1 - 719	15 - 733	BF684581, BF342950, AW957686, AV722375, AV723295, BF237688, AV707099, BE296762,

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HMWDB39	763	105111 5	1 - 4711	15 - 4725	<p>AL527816, AL533334, AL533288, AI132991, BE738228, BG034053, BE739552, BF984110, BG260492, AV755413, AW964005, BE560912, BG170764, BE891685, AW608050, BE277616, AW608063, AW608053, BF305030, BG164154, AW608056, BE069945, BF969279, AW876488, BE387593, AW386751, AW608048, BE883205, AW608054, AW373467, AW373475, AW876491, BE893625, BG032180, AL134864, AW608046, AW876498, AW373468, AW134836, AW876490, AW369558, AW836244, BG106325, AW386747, BG032622, AW373476, BG121952, AW369560, BE896621, BE566580,</p>

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HAOSZ53	764	105124 6	1 - 1325	15 - 1339		<p>BG116754, BE742356, BG169741, BE737394, AL536737, BG035700, BF529756, AU129386, BF569781, BE906445, BE888309, AU126226, BG164594, BG112518, BG120249, BE390387, BE908319, BG104445, BE786862, BF529755, BF345037, BE272295, AU139884, BG032038, AW954508, BE385393, BF570296, BE536063, BE563539, BE886236, BE907551, BE733035, BF971649, AA292422, BF569789, BE874289, BE884694, AI346755, BG118789, AA477693, BF679397, AA526490, AI937163, AW007343, AI421549, AI186858, BG170016, BE884242, AU158211, W73114, BG163524, AW071883, AI921806, AA293715, AI677767, AA434504, AI635865, AA525971, AI245616, AI923979, AW673927, AI336339, AI982909, BF130225, AI087176, BE042450, AI566913, AW971941, AA430468, AA143240, AI042262, AI924324, AI283781, AI748862, AA405242, AI536736, W58109, AA434406, AA884449, AA477694, AA437352, AW583877, AI149950, W94126, BE150951, H30230, AA137204, BE150896, AA910258, AI569011, AI038000, AI351681, AA278265, AA505519, AA100354, BE242836, H30675, AI000002, W58219, BG261250, AA427618, AI640789, BE280007, AW965577, AI160137, AA480675, AW675091, AA402964, AI264832, BG008682, W05533, AI418798, AA143299, AI040251, AA002196, AA505527, BG107498, AA329214, N76134, AA631327, AA307966, AA864701, AA137267, H28117, AI208509, BE393546, R48090, R50206, AW080323, N31266, AI342175, R78352, AA054747, AI750670, AI620791, T66846, R26643, AA100305, T77309, AI199378, AI648478, F13345, AW583507, AA873206, AI520788, AA484092, AI625948, F36535, Z44621, T48631, AW000713, C04757, T60738, AA002067, R47978, AV707282, BF247764, T66845, H97612, AI470990, BG167362, R49672, T34246, N87910, H06178, AA514312, BF745589, AA394089, AA379308, BF247881, BF570302, AA627384, N36593, N22880, R50152, AA278732, BG014014, H90261, F30847, AU126761, BG009210, R32286, AW082510, AA054745, BF743515, AW271186, AA258044, BE925169, AW192387, AA429125, T08566, T06887, BF852854, AI567008, AI671642, BG163239, BF213477, AI263331, AI800171, BE907414, BF338002, BE622183, BF814447, AI800159, AW827276, AV758825, BF793324, BF525838, BG122101, BE880182, BE540578, BF038131, BG256592, BG032036, BF970449, BE047852, BF338723, BE876033, BF822127, BE874133, BE612681, BF529881, BE536058, BF032910, AW673679, AI273179, BG110517, AI620284,</p>

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HWLXZ72	766	105131 9	1 - 874	15 - 888	BE858219, BG033926, AI567888, AW268537, AW673994, AA024788, AI422260, N51863, BF033434, AW029206, AI087194, AI887629, AW058569, W80814, N51525, AL048448, AI333657, AV764407, AI280422, BG249887, AI277499, AW379304, BG114514, AA024832, AI005388, BE094103, C75026, AW515425, AI683577, AW243960, AI469624, AA394271, AI471534, AW510517, AI206785, W80907, AW969694, AV762395, AI886403, AI624585, AI963720, AL046409, AI284640, AW975981, BF668217, BF677892, AV761745, AV763540, AV763558, AW193265, AW973789, AV740801, AV760777, AI431303, BG249643, AW833862, AW965008, AV761362, AV760466, AL037683, AW500125, AV710066, AW969698, AI754955, AF330238, AV682003, AA610491, BF697673, AV763971, AV763633, AA581903, AL042853, AI270117, AV757607, AL138265, BF130107, AL042753, AW303196, AL138455, AV762645, AA988549, AW268300, AW472872, AV763670, AV762064, AW406755, BF793766, BG109996, AV757425, AV762397, AI801482, AW301350, AW969988, AW975217, AW327868, BE160727, BF827410, AV762959, AW979076, AW028429, AV763449, AW265385, AV728425, AV761489, AL119691, AA680243, AW973397, AW274349, AA587604, AW419262, AI370074, AA649642, AW518220, BE049139, AL048925, AV761106, AA720702, AV735370, AV758600, AA521323, AW979060, AV764530, AV760106, AV735495, AI350211, AI370094, AI334443, AV760207, AI457397, BF724372, AV762111, AA490183, AL040921, AV759329, AA521399, AI355206, AI623720, AV725423, AW975987, AF074667, BF915247, AV742057, AW957076, AV734666, BE049095, AI732120, AI037554, AV729809, AV764307, AA584201, AI281881, AV764329, AW970571, AI469968, AI131164, AA877817, AI473943, AV762505, BE139146, AW073470, BE276880, AV763354, AV738303, AV761403, AU137841, AV741609, AV742309, AV759274, AV759580, AW960468, AW408717, AW662543, AV762098, AW276827, AF074677, AI246119, AI357288, AW088846, AA491814, BF940837, AI307201, AV761843, AW502975, AI610920, F36273, AV760937, AV742337, BG059450, BF915722, AW503666, BG099291, BF241967, AW273581, AV760133, AW021583, AA482711, AW872676, AV764578, AW963497, AI696962, BE350475, BG104686, AV760057, AL079645, AL044940, AA682912, AV756693, AL043009, AI305547, AI613280, AV733830, AV762139, AV759518, AV758994, AI289067, BE042649, AI888752, AV729881, AI064864, BE672637, AV719316, AI053672, AW974109, AI249997, AI923052, AI754336, AV764228, AI076616, AV764398, AV761498, AA665330, AL110164, AL161426, AK025661, AC005041, AC005520, Z94721, D83989, AC005037, AL162424, AC006064, U67221, AC020629, U18391, AF015156, AL031311, AF015149, AL137918, I51997, AF015148, AC004841, U18395, AC011464, AF015151, AL121905, X55926, AC011510, AF077058, AL049780, U57007, X55925,

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HUSGQ45	767	105141 0	1 - 2131	15 - 2145	BE739700, BF983215, BG258779, BG163816, BG256325, BF541718, BF686345, AW977439, BF183960, AI480121, BF573373, AI673083, BF062582, AA649066, BE866013, AA393762, AW195621, AI126326, AA393932, BE568629, AI337309, BE738919, BF668441, AA862483, BE866445, BF673069, AW300415, BG179908, BF219061, AI478949, BG110866, W79536, R84749, W79616, AI038031, AI205871, AA394177, AW663410, AI243398, AA700745, AA805344, BF693117, AA708627, AI472932, BE566521, AI368938, BF885791, AW663425, AI216490, N95490, AA918827, BF885789, AA877843, BF575027, H53683, AA456841, BE000764, BE938956, AW139999, R77915, AI910934, AI684582, AV741110, AA764940, R78016, W24963, AI940447, AA361209, BE005023, AW023585, AA209140, AK000101,

HLDRA54	768	105143 7	1 - 1677	15 - 1691	<p>AF086446, and AC011013.</p> <p>AL533367, AL532502, AL537328, AL533407, AL516653, AU118668, AU122094, BE739671, BF966971, BF038456, BE741999, AU119757, BF971069, AI458281, BF792543, AU142812, BG248776, BF339829, BF980033, BF793928, BF966768, AI198949, BF984454, BE250579, BF794805, BE300051, BF980566, BE780407, BE253883, AV714659, BE887233, AI740738, BE741484, BF032864, BE14803, BF530823, BE747167, BG025270, AU132713, BF965660, BG032452, BE740178, BG029187, AW160420, BF220243, BG035649, AU119592, BE299953, AU117896, AI878937, BE890779, AW579878, BE386288, BE881130, AL537327, BE562521, BE795160, BE784632, AW579888, AU121752, BE777823, BE886228, BE884400, BG104590, BE797668, AA085747, BE274835, BG031877, BE988823, BE619121, BF309670, BG178062, BE893231, BE891645, BF347323, BE783387, BE734788, AU117133, AW249668, BG036752, BF034574, BE618578, BG037195, BE781779, AW239469, BG110338, BE615061, AU116845, BG249111, BG117310, BF691140, AI632928, BG028633, BF674342, BE884965, BE907890, BE259829, BG256342, BE537042, BF797065, AI863021, BF126392, BE731658, BE389709, BG259263, AW162252, AW239391, BE891540, BE973677, BF970477, BE296067, AL038885, BE779549, BE893408, BE274130, BE736409, BE271903, BG031080, AW247233, AA932251, BE275703, BE379573, BF204931, BF967217, BE785912, BE895943, BE277675, BG023822, AA604115, AW370917, AW162036, BE379993, AI952921, BE390625, BF968144, BF574386, AU145898, BE899319, AW245206, BG111941, AW820154, BE739210, BE265218, BF316016, BE269076, AI312047, BF977072, BF239209, BG257938, AW247843, BE252870, AW248930, BE385062, BF446823, AI422247, AW003691, BE893783, AA565849, AU146019, BF107157, AL134633, BE390356, AW820148, BE082187, BF361035, AA625995, AA495989, AI679309, AI083509, AW363234, AL516652, BE268850, AA425051, AA932650, BF195107, AI497691, AA845438, AW996794, AW084959, AA553943, AI680878, BF881956, AA631253, BF725626, AA903460, BF350223, AI277899, AI686921, AW160751, BE386561, BF541359, AI440010, AW674325, AU143824, AI253237, AI074492, BF577054, AU160020, AW328595, BF725247, AA618369, AW887603, AA312689, AW178244, BE775114, BF216796, AW675055, BE618029, BE300747, AA903805, F37528, BF886380, BE798705, AI283065, AW606396, BF967945, AI246263, BF036656, AW606404, AI766287, BF219690, AW197646, BF680087, BE264891, BE894678, BF061827, BF701534, AW025987, BE738900, AI811839, BF802238, BF061890, BE867346, AA603289, AV699107, BF056800, AI677793, AI302980, BG036639, AI270319, BE904329, BF673935, BF218563, N22238, BG180754, BE537700, AW190125, BE276081, BE871705, BF675827, AX013695, M28372, U19765, L12693, U20326, X63866, Z11871, AF242550, D45254, AF004942, AF035676, U20977, U43373, AX008043, AL022067, T72083, T92679, R30797, H88591, H97509, N28360, N64252, AA045341, AA045429, AA058517, AA086438, AA146828, AA146642, AA169595, AA194346, AA491535, AA491727, AA528277, AA618399, AA632743, AA640345, AA657551, AA657552,</p>
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HVCCD05	773	105198 3	1 - 955	15 - 969	BE219057, AI084904, AW135444, AU139879, AI937665, N87764, AA974074, M89914, AR029030, I36272, M82814, M38106, M38107, M61213, I10370, AC004526, AC004222, D45201, M60915, D30730, M82826, M82825, D30731, M82824, U17683, M84131, U17684, AF130776, AF011748, AF031610, U17685, U17682, U35694, and U35693.
HPYSC40	774	105215 8	1 - 822	15 - 836	AA779751, AA476904, BF056494, AL047797, AA436220, AA402723, AA291495, AA293088, AI151391, AA452764, AI188355, AI086276, AA477016, AW296294, N30652, AA706816, AA436221, AA404631, AA433965, AA293479, AA235001, AA478226, AA495907, AI276581, AI246448, AI420208, AW044154, AI080180, N42277, AA252967, AI474212, AA463721, AI274168, AI092818, AA452585, AA495908, AA402883, BF446967, AA854990, T28299, BF507811, AA635664, AI420297, AI742059, AA434011, AI092114, AA405395, H52337,

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HDDMT56	775	105226 1	1 - 940	15 - 954		BE791889, AV717926, BG111059, AW026224, BE731340, AW129431, AW044302, AW044311, BF969263, AW026502, AI024363, AV764439, AV755780, AV703541, AV756180, AW005536, AV756181, AA044591, AV717648, BF698603, AA044836, BF185808, BE858602, AI884653, BE566092, BG236392, W73840, W72164, BE568051, BF446110, BG030132, BF432321, BG231607, W74588, AA584411, AA044721, BF438576, AW361071, AI359202, BE695891, BE045437, AW968454, BE857732, AW952892, AI400180, AI127248, AI361026, AI351761, W73696, AI361044, N93769, AW853077, AA188813, AI346887, AI873700, AA476929, AI564814, AI148800, BE960901, AW576032, AA844073, AI580492, AI359751, W15164, AI871309, AI159826, AI090121, AA459134, N56635, N92789, AI125882, AA936153, AA477040, AA844279, AA627857, AW026355, AI285239, AI024076, W20518, AI193641, N95574, AA130015, AI041348, AV756064, W07735, AV708855, BE728941, AA410661, AA706702, AI359593, AA722839, AW004870, AV707248, AA829863, AI202724, AI276819, AA431145, AW978868, AA432164, AW627741, AW592913, AI199842, W39004, AI193714, W39225, AA291941, BE972734, AI056225, AI344438, N80763, AA988362, AA383031, R99845, BF130957, AA445991, N78715, AA627324, AI500185, AI205678, AV653961, AA864928, AI589231, AA309919, AA293627, AA962487, AI474384, N29679, AV660336, AI130014, W24818, AV698101, AV660285, AV660175, AI077593, AV660215, BF351943, AW016040, AA651617, AA009876, C04433, BE766092, AI342842, AA747913, AA446267, C04962, AW020834, R23666, AA355416, C02690, N92536, AI561151, H56634, AI051799, AW407061, AA111947, AI420808, H99820, W07552, C05537, N24516, AI474400, AA280534, BE843719, AA315628, AA383032, AA382428, AA009528, BF740125, T80744, AA749010, N87803, BF208266, AI139832, AA085812, F26702, C05473, AA044811, N49380, T84122, AI867943, AA747825, AI687396, AA832270, AV650894, AA565864, AI083802, AI146601, AA342414, BE350230, F35829, AA731123, N49470, AV718225, H30789, AA235564, AW999222, BF242556, T89356, T80634, AV736105, AA937994, AI445396, BG165709, AV736287, AA731103, C01741, M85658, AW877209, AW979127, AL134524, AL119324, AW969680, AW975037, AW975002, AW969816, AW975031, AW972845, Z99396, AW971975, AW974801, AW979238, BF868697, AW979204, AW975876, AW969673, AW975952, AW972292, AW976024, AW975019, AW979002, AW971403, BG058418, AW975632, AW975032, AW975954, AW975965, R99846, AW974786, AW975154, AL119457, AW976023, AW971968, AW975628, BF868687, AW973717, AW974964, AW972867, AW969643, AW975027, AW979098, AJ250393, AF110775, AF161497, AJ250394, AX017873, AR066494, AX046357, AR060234, AX030435,

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HVVAV02	776	105255 3	1 - 872	15 - 886	AL537587, AL529658, AU123248, BG111713, AL536888, BF528711, AU137828, AI421201, BE904707, BE791254, BE745009, BG109317, AI570622, AI570004, AI989579, AW961469, BG108425, BF383127, BE176810, AI833038, BF696193, AW468544, AA779618, AA594978, AW009553, AI560971, BG230611, BE264327, BF589342, AA700346, BF031165, AV705472, BG119892, BE551429, AA236469, BF217607, AA975622, BE855531, AI241179, AV724761, AV705812, BE176927, AA232654, AA425074, AW304107, AI089284, BE884892, AI368096, BF697812, AI348181, BF668864, AA186811, BF817290, AI766352, R35279, AI142922, AW886555, AA584043, AA974548, AI124517, AA282137, AI400118, AW297715, AI057075, AA701672, BF154541, AI272148, AA772928, H53622, R53868, AA514023, AA531591, AA316638, AI333059, AI924107, AA641382, AW886216, AW886217, H74214, AV720966, BF060965, AI818718, AW934891, BF737115, BE833950, AI367803, N70079, H53661, AW886135, AW886133, R66643, BF737112, BE833954, BF090575, T87908, AA971632, AA703463, AI864207, AU124815, AW959681, N62470, AW888886, HI6343, AW998773, H60947, F15800, AA533438, AA332062, AL039198, AA310143, AW360979, AA614390, AA621437, F11167, AI937689, AA332239, BF245833, AI538144, BF932809, AV722305, BF760088, AA665032, AA365208, AI630339, AW768928, H73698, T88002, BF760401, R20909, AI830513, BF575067, BF932781, BF887248, BE763671, AA365209, AV702237, BF760085, AV704383, AA344255, AW372989, AA363457, BE767071, BF216049, AA216158, R50400, R47763, F07468, N79190, R67362, N73190, BE242768, BF247762, BF764294, BF670200, BE695812, R20797, AW902331, AA361116, BG231332, AA234237, AW373134, AW834746, AW934899, AW888862, AW386061, AW888860, AW373135, AW373133, AW934906, BG033243, BF129853, L12387, M32886, X04656, AC005075, AL121872, AC013412, and AC003991.
HOGCS42	777	105255 7	1 - 1746	15 - 1760	AL526995, AU133713, AU122264, AU133716, AU133898, AU133901, AU121966, BE792903, AU141449, BE786350, AU133817, AU136746, BG254161, AU133578, AU133887, BE907881, AU121817, AU133655, BG260814, AU121969, AU133752, AU136516, BG179180, AU133916, BF038418, BF037422, BF036516, AU134354, BE734836, AU138430, BE873066, BE875603, AW844114, AU133630, BE616872, BE880804, AU122380, BE871117, AU134380, BE871864, BE902820, AU134369, BE536853, BG256045, BE304643, AU133618, BE787818, AA523290, AU147972, AU138507, AA700004, AI927220, AW170580, W74492, BE812430, BF446247, AU147690, BE870378, AI859845, AW935041, AI991311, AA522795, BG254485, AU136509, AI081052, AU155374, BF681403, AA535079, AU159009, AI400364, AI335984, AU147886, AU155390, AW193221, AW874638, AU155077, BE564185, AW170345, AA622540, AU155064, AI273767, AW474974, AW770097, BF445088, AW168283, AI188508, AA565989, AI559433, AI240481, AI246782, AU157642, BF182989, BF825787, AW815382,